

Appendix F: 2012 Summary of Facilities, Chemical Releases, Transfers, and Management (Non-PBT)

Alphabetical Listing by Facility Within Each County/Independent City

2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	form A*												
ACCOMACK	ACCOMAC PROCESSING PLANT							22520 LANKFORD HWY				NAICS Code	31161
CERTAIN GLYCOL ETHERS	N	0	0	0	0	0	0	0	0	11,919	11,919	0	0
HYDROGEN SULFIDE	N	109,522	0	109,522	0	0	109,522	0	0	740,035	740,035	0	0
NITRATE COMPOUNDS	N	0	0	0	0	2,412,005	2,412,005	0	0	0	0	0	0
PERACETIC ACID	N	0	0	0	0	0	0	0	0	54,370	54,370	0	0
Total for ACCOMAC PROCESSING PLANT		109,522	0	109,522	0	2,412,005	2,521,527	0	0	806,324	806,324	0	0
ACCOMACK	KMX CHEMICAL CORP							30474 ENERGY DR				NAICS Code	32519
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for KMX CHEMICAL CORP		0	0	0	0	0	0	0	0	0	0	0	0
ACCOMACK	PAD 0A AT WALLOPS FLIGHT FACILITY							SOUTH SEAWALL ROAD				NAICS Code	92711
NAPHTHALENE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for PAD 0A AT WALLOPS FLIGHT FACILITY		0	0	0	0	0	0	0	0	0	0	0	0
ACCOMACK	TYSON FOODS INC - TEMPERANCEVILLE							11224 LANKFORD HWY				NAICS Code	31161
AMMONIA	N	8,000	145	8,145	0	69	8,214	0	0	15,340	15,340	0	0
CHLORINE DIOXIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	52,653	52,653	0	0	1,836,950	1,836,950	0	0
PERACETIC ACID	N	0	0	0	0	0	0	0	0	59,188	59,188	0	0
Total for TYSON FOODS INC - TEMPERANCEVILL		8,000	145	8,145	0	52,722	60,867	0	0	1,911,478	1,911,478	0	0
Total for Above County : (10 reports)		117,522	145	117,667	0	2,464,727	2,582,394	0	0	2,717,802	2,717,802	0	0

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** TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

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ALBEMARLE		INTERNATIONAL COLD STORAGE						5678 HEARDS MOUNTAIN RD				NAICS Code	33341
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for INTERNATIONAL COLD STORAGE		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
ALEXANDRIA (CITY)		GENON POTOMAC RIVER LLC						1400 N ROYAL ST				NAICS Code	22111
HYDROGEN FLUORIDE	N	0	6,300	6,300	0	0	6,300	0	0	25,000	25,000	0	0
HYDROGEN SULFIDE	N	0	4,100	4,100	0	0	4,100	0	0	38,000	38,000	0	0
Total for GENON POTOMAC RIVER LLC		0	10,400	10,400	0	0	10,400	0	0	63,000	63,000	0	0
Total for Above County : (2 reports)		0	10,400	10,400	0	0	10,400	0	0	63,000	63,000	0	0
AMHERST		GREIF PACKAGING LLC						861 FIBRE PLANT RD				NAICS Code	32211
ACETALDEHYDE	N	0	33,886	33,886	0	0	33,886	0	0	63,634	63,634	0	0
AMMONIA	N	0	0	0	0	3,485	3,485	0	0	78,023	78,023	0	0
METHANOL	N	0	184,625	184,625	0	0	184,625	0	0	216,157	216,157	0	0
NITRATE COMPOUNDS	N	0	0	0	0	1,045	1,045	0	0	279,515	279,515	0	0
Total for GREIF PACKAGING LLC		0	218,511	218,511	0	4,530	223,041	0	0	637,329	637,329	0	0
AMHERST		LYNCHBURG STEEL CO LLC						275 FRANCIS AVE				NAICS Code	33231
CHROMIUM	Y	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for LYNCHBURG STEEL CO LLC		0	0	0	0	0	0	0	0	0	0	0	0

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Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	form A*												
Total for Above County : (8 reports)		0	218,511	218,511	0	4,530	223,041	0	0	637,329	637,329	0	0
ARLINGTON		ALLIED AVIATION FUELING CO INC						RONALD REAGAN NATIONAL AIRPORT				NAICS Code 42471	
BENZENE	N	0	308	308	0	0	308	0	0	0	0	0	0
CYCLOHEXANE	N	0	308	308	0	0	308	0	0	0	0	0	0
ETHYLBENZENE	N	7	314	321	0	0	321	0	0	0	0	0	77
METHYL TERT-BUTYL ETHER	N	0	615	615	0	0	615	0	0	0	0	0	0
NAPHTHALENE	N	14	344	358	0	0	358	0	0	0	0	0	458
N-HEXANE	N	0	308	308	0	0	308	0	0	0	0	0	0
TOLUENE	N	0	1,539	1,539	0	0	1,539	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	0	1,231	1,231	0	0	1,231	0	0	0	0	0	0
Total for ALLIED AVIATION FUELING CO INC		21	4,967	4,988	0	0	4,988	0	0	0	0	0	535
Total for Above County : (8 reports)		21	4,967	4,988	0	0	4,988	0	0	0	0	0	535
AUGUSTA		BALL ADVANCED ALUMINUM TECHNOLOGIES CORP.						56 DUNSMORE RD				NAICS Code 33131	
ALUMINUM (FUME OR DUST)	N	0	14,648	14,648	0	0	14,648	0	0	0	0	0	37,405
Total for BALL ADVANCED ALUMINUM TECHNOLO		0	14,648	14,648	0	0	14,648	0	0	0	0	0	37,405
AUGUSTA		CERRO FABRICATED PRODUCTS INC						300 TRIANGLE DR				NAICS Code 33272	
COPPER	N	0	0	0	0	0	0	0	0	0	0	22	1,504
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	9,547	0
NITRIC ACID	N	5	1,644	1,649	0	0	1,649	0	0	36,160	36,160	0	0
Total for CERRO FABRICATED PRODUCTS INC		5	1,644	1,649	0	0	1,649	0	0	36,160	36,160	9,569	1,504
AUGUSTA		DEGESCH AMERICA INC						153 TRIANGLE DR				NAICS Code 32532	
ALUMINUM PHOSPHIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
AMMONIA	N	0	963	963	0	0	963	0	0	0	0	0	0
PHOSPHINE	N	0	373	373	0	0	373	0	0	0	0	0	0
Total for DEGESCH AMERICA INC		0	1,336	1,336	0	0	1,336	0	0	0	0	0	0
AUGUSTA		FLINT GROUP NORTH AMERICA CORP						106 TRIANGLE DR				NAICS Code	32591
BARIUM COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for FLINT GROUP NORTH AMERICA CORP		0	0	0	0	0	0	0	0	0	0	0	0
AUGUSTA		GROTTOES PLASTICS PLANT						149 GRAND CAVERNS DR				NAICS Code	32611
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	232	0	232	0	215
Total for GROTTOES PLASTICS PLANT		0	0	0	0	0	0	0	232	0	232	0	215
AUGUSTA		INVISTA S.A R.L. - WAYNESBORO FACILITY						400 DU PONT BLVD				NAICS Code	32522
DIISOCYANATES	N	18	0	18	0	0	18	0	0	0	0	0	5,534
HYDROCHLORIC ACID (1995 AND	N	0	33,000	33,000	0	0	33,000	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	21,000	21,000	0	0	101,000	101,000	0	0
SODIUM NITRITE	N	0	0	0	0	16	16	0	0	29,000	29,000	0	0
Total for INVISTA S.A R.L. - WAYNESBORO FACILI		18	33,000	33,018	0	21,016	54,034	0	0	130,000	130,000	0	5,534
AUGUSTA		MASTIC HOME EXTERIORS STUARTS DRAFT						185 JOHNSON DR				NAICS Code	32619
ANTIMONY COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MASTIC HOME EXTERIORS STUARTS D		0	0	0	0	0	0	0	0	0	0	0	0
AUGUSTA		MCQUAY INTERNATIONAL INC						207 LAUREL HILL RD				NAICS Code	33341

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Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
COPPER	N	7,282	0	7,282	0	0	7,282	0	0	0	0	77	269,790
SODIUM NITRITE	N	0	0	0	0	0	0	0	0	0	0	13,541	13,541
Total for MCQUAY INTERNATIONAL INC		7,282	0	7,282	0	0	7,282	0	0	0	0	13,618	283,331
AUGUSTA		NIBCO OF VIRGINIA INC.						131 JOHNSON DRIVE				NAICS Code	33211
CHROMIUM	N	0	0	0	0	1	1	0	0	0	0	1	35,319
COPPER	N	7,624	4,014	11,638	0	21	11,659	0	0	0	0	16	115,048
Total for NIBCO OF VIRGINIA INC.		7,624	4,014	11,638	0	22	11,660	0	0	0	0	17	150,367
AUGUSTA		REXNORD INDUSTRIES LLC						150 JOHNSON DR				NAICS Code	33361
AMMONIA	N	0	4,864	4,864	0	0	4,864	0	0	0	0	0	0
Total for REXNORD INDUSTRIES LLC		0	4,864	4,864	0	0	4,864	0	0	0	0	0	0
AUGUSTA		SCHICK MANUFACTURING, INC.						1 RAZOR BLADE LN RT 612				NAICS Code	33221
AMMONIA	N	946	63	1,009	0	0	1,009	0	0	0	0	0	0
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	14,287
TRICHLOROETHYLENE	N	52,523	13,910	66,433	0	5	66,438	0	1,345,096	0	1,345,096	0	4,355
Total for Schick Manufacturing, Inc.		53,469	13,973	67,442	0	5	67,447	0	1,345,096	0	1,345,096	0	18,642
AUGUSTA		SUNLITE PLASTICS INC.						846 KEEZLETOWN RD				NAICS Code	32619
DI(2-ETHYLHEXYL) PHTHALATE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SUNLITE PLASTICS INC.		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (26 reports)		68,398	73,479	141,877	0	21,043	162,920	0	1,345,328	166,160	1,511,488	23,204	496,998
BEDFORD		BLUE RIDGE WOOD PRESERVING INC.						1220 HENDRICKS STORE RD				NAICS Code	32111
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BLUE RIDGE WOOD PRESERVING INC.		0	0	0	0	0	0	0	0	0	0	0	0

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BEDFORD		GEORGIA-PACIFIC BIG ISLAND MILL						9363 LEE-JACKSON HWY				NAICS Code	32212
ACETALDEHYDE	N	1,500	54,000	55,500	14	840	56,354	0	0	57,000	57,000	0	0
AMMONIA	N	500	0	500	2	2,000	2,502	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	160	160	17,200	7,100	24,460	0	0	0	0	0	0
HYDROGEN SULFIDE	N	13,731	0	13,731	19	3	13,753	0	0	119,720	119,720	0	0
MANGANESE COMPOUNDS	N	0	100	100	71,500	12,900	84,500	0	0	0	0	0	0
METHANOL	N	3,000	284,000	287,000	250	810	288,060	0	0	140,000	140,000	0	0
NITRATE COMPOUNDS	N	0	0	0	1	1,400	1,401	0	0	0	0	0	0
Total for GEORGIA-PACIFIC BIG ISLAND MILL		18,731	338,260	356,991	88,986	25,053	471,030	0	0	316,720	316,720	0	0
Total for Above County : (8 reports)		18,731	338,260	356,991	88,986	25,053	471,030	0	0	316,720	316,720	0	0
BLAND		ABB INC						171 INDUSTRY DR				NAICS Code	33531
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	489,614
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	19,092
NICKEL COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	3,936
Total for ABB INC		0	0	0	0	0	0	0	0	0	0	0	512,642
BLAND		PASCOR ATLANTIC CORP						254 INDUSTRY DR				NAICS Code	33531
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	13,542
Total for PASCOR ATLANTIC CORP		0	0	0	0	0	0	0	0	0	0	0	13,542
Total for Above County : (4 reports)		0	0	0	0	0	0	0	0	0	0	0	526,184
BOTETOURT		ALTEC INDUSTRIES, INC.						325 SOUTH CENTER DRIVE				NAICS Code	33621
MANGANESE	N	43	0	43	0	0	43	0	0	0	0	0	44,600
Total for Altec Industries, Inc.		43	0	43	0	0	43	0	0	0	0	0	44,600

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BOTETOURT	DYNAX AMERICA CORP							568 E PARK DR				NAICS Code	33635
HYDROCHLORIC ACID (1995 AND	N	0	321	321	0	0	321	0	0	25,471	25,471	0	0
METHANOL	N	42,319	12,594	54,913	0	0	54,913	0	0	1,160,265	1,160,265	0	27,588
METHYL ISOBUTYL KETONE	N	431	125	556	0	0	556	0	0	11,093	11,093	0	287
PHENOL	N	4,576	965	5,541	0	0	5,541	0	0	119,033	119,033	0	2,849
Total for DYNAX AMERICA CORP		47,326	14,005	61,331	0	0	61,331	0	0	1,315,862	1,315,862	0	30,724
BOTETOURT	GALA INDUSTRIES INC.							181 PAULEY ST				NAICS Code	33322
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	33,835
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	4,325
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	4,739
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	20,675
Total for GALA INDUSTRIES INC.		0	0	0	0	0	0	0	0	0	0	0	63,575
BOTETOURT	GENERAL SHALE BRICK INC PLANT 35 & 36							2353 WEBSTER RD				NAICS Code	32712
HYDROCHLORIC ACID (1995 AND	N	0	28,320	28,320	0	0	28,320	0	0	1,786	1,786	0	0
HYDROGEN FLUORIDE	N	0	9,700	9,700	0	0	9,700	0	0	86,472	86,472	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GENERAL SHALE BRICK INC PLANT 35 &		0	38,020	38,020	0	0	38,020	0	0	88,258	88,258	0	0
BOTETOURT	METALSA ROANOKE INC.							184 VISTA DR				NAICS Code	33639
MANGANESE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for METALSA ROANOKE INC.		0	0	0	0	0	0	0	0	0	0	0	0
BOTETOURT	ROANOKE CEMENT CO LLC							6071 CATAWBA RD				NAICS Code	32731

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CHROMIUM COMPOUNDS (EXCEPT	Y	0	0	0	0	0	0	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	13,608	13,608	0	0	13,608	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	324	109	433	840	20	1,293	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	29,007	29,007	0	0	29,007	0	0	0	0	0	0
Total for ROANOKE CEMENT CO LLC		324	42,724	43,048	840	20	43,908	0	0	0	0	0	0
BOTETOURT	TREAD CORP							176 EASTPARK DR				NAICS Code	33211
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	81,320
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	8,795
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	42,649
Total for TREAD CORP		0	0	0	0	0	0	0	0	0	0	0	132,764
Total for Above County : (21 reports)		47,693	94,749	142,442	840	20	143,302	0	0	1,404,120	1,404,120	0	271,663
BRISTOL (CITY)	STRONGWELL-BRISTOL DIV							400 COMMONWEALTH AVE				NAICS Code	32619
ANTIMONY	N	0	250	250	0	0	250	0	0	0	0	0	0
DECABROMODIPHENYL OXIDE	N	0	250	250	0	0	250	0	0	0	0	0	0
STYRENE	N	0	250	250	0	0	250	0	0	0	0	0	0
Total for STRONGWELL-BRISTOL DIV		0	750	750	0	0	750	0	0	0	0	0	0
Total for Above County : (3 reports)		0	750	750	0	0	750	0	0	0	0	0	0
BRUNSWICK	REDLAND BRICK INC.- LAWRENCEVILLE PLANT							16024 GOVERNOR HARRISON PKWY				NAICS Code	32712
HYDROGEN FLUORIDE	N	5	458	463	0	0	463	0	0	53,381	53,381	0	0
MANGANESE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Redland Brick Inc.- Lawrenceville Plant		5	458	463	0	0	463	0	0	53,381	53,381	0	0

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Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for Above County : (2 reports)		5	458	463	0	0	463	0	0	53,381	53,381	0	0
BUCHANAN JEWELL COKE CO L.P.								1034 DISMAL RIVER ROAD				NAICS Code 33111	
HYDROCHLORIC ACID (1995 AND	N	0	1,307,869	1,307,869	0	0	1,307,869	0	0	0	0	0	0
Total for JEWELL COKE CO L.P.		0	1,307,869	1,307,869	0	0	1,307,869	0	0	0	0	0	0
Total for Above County : (1 record)		0	1,307,869	1,307,869	0	0	1,307,869	0	0	0	0	0	0
BUCKINGHAM BEAR GARDEN GENERATING STATION								2608 C.G. WOODSON ROAD				NAICS Code 22111	
AMMONIA	N	0	9,710	9,710	0	0	9,710	0	0	0	0	0	0
Total for Bear Garden Generating Station		0	9,710	9,710	0	0	9,710	0	0	0	0	0	0
Total for Above County : (1 record)		0	9,710	9,710	0	0	9,710	0	0	0	0	0	0
BUENA VISTA (CITY) EVERBRITE LLC								627 E 30TH ST				NAICS Code 33995	
MANGANESE	N	0	1	1	0	0	1	0	0	0	0	0	5,349
Total for EVERBRITE LLC		0	1	1	0	0	1	0	0	0	0	0	5,349
Total for Above County : (1 record)		0	1	1	0	0	1	0	0	0	0	0	5,349
CAMPBELL BABCOCK & WILCOX NUCLEAR OPERATIONS GROUP								1570 MOUNT ATHOS RD				NAICS Code 33241	
CHROMIUM COMPOUNDS (EXCEPT	N	14	76	90	1	6	98	0	0	0	0	0	115
COPPER COMPOUNDS	N	0	27	27	2	17	46	0	0	0	0	0	108,365
HYDROGEN FLUORIDE	N	0	228	228	0	0	228	0	1,812	71,345	73,157	0	1,927
NICKEL COMPOUNDS	N	3	155	158	2	8	169	0	0	0	0	0	47
NITRATE COMPOUNDS	N	0	0	0	0	977,006	977,006	0	0	0	0	0	211,462
NITRIC ACID	N	17	3,280	3,297	0	0	3,297	0	16,177	1,209,397	1,225,574	0	380,742
Total for Babcock & Wilcox Nuclear Operations Grou		34	3,766	3,801	6	977,037	980,844	0	17,989	1,280,742	1,298,731	0	702,658

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CAMPBELL	BANKER STEEL COMPANY, LLC							351 RANGOON ROAD				NAICS Code	33231
CHROMIUM	N	5	5	10	0	5	15	0	0	0	0	0	18,982
MANGANESE	N	5	5	10	0	5	15	0	0	0	0	0	33,684
NICKEL	N	5	5	10	0	5	15	0	0	0	0	0	30,497
Total for Banker Steel Company, LLC		15	15	30	0	15	45	0	0	0	0	0	83,163
CAMPBELL	FLOWSERVE CORP LYNCHBURG VA							5114 WOODALL RD				NAICS Code	33399
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for FLOWSERVE CORP LYNCHBURG VA		0	0	0	0	0	0	0	0	0	0	0	0
CAMPBELL	GEORGIA-PACIFIC WOOD PRODUCTS LLC - BROOKNEAL OSB							11795 BROOKNEAL HIGHWAY				NAICS Code	32121
ACETALDEHYDE	N	0	4,900	4,900	50	0	4,950	0	0	43,000	43,000	0	0
AMMONIA	N	0	51,000	51,000	0	0	51,000	0	0	0	0	0	0
FORMALDEHYDE	N	0	12,000	12,000	27	0	12,027	0	0	80,200	80,200	0	0
METHANOL	N	0	61,000	61,000	50	0	61,050	0	0	200,000	200,000	0	0
Total for GEORGIA-PACIFIC WOOD PRODUCTS L		0	128,900	128,900	127	0	129,027	0	0	323,200	323,200	0	0
CAMPBELL	SCHRADER-BRIDGEPORT INTERNATIONAL							205 FRAZIER RD				NAICS Code	33351
COPPER	N	0	0	0	0	5	5	0	0	0	0	0	1,204,176
Total for SCHRADER-BRIDGEPORT INTERNATIONAL		0	0	0	0	5	5	0	0	0	0	0	1,204,176
CAMPBELL	TIMKEN CO ALTAVISTA BEARING PLANT							2097 DEARING FORD RD				NAICS Code	33299
NICKEL	N	1	0	1	0	0	1	0	0	0	0	0	1,917
Total for TIMKEN CO ALTAVISTA BEARING PLANT		1	0	1	0	0	1	0	0	0	0	0	1,917
Total for Above County : (17 reports)		50	132,681	132,732	133	977,057	1,109,922	0	17,989	1,603,942	1,621,931	0	1,991,914

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Appendix F

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Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CAROLINE		HOOVER TREATED WOOD PRODUCTS, INC						18315 HOUSE DR				NAICS Code	32199
ARSENIC COMPOUNDS	N	0	0	0	0	20	20	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	11	11	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	0	0	0	11	11	0	0	0	0	0	0
Total for HOOVER TREATED WOOD PRODUCTS, I		0	0	0	0	42	42	0	0	0	0	0	0
CAROLINE		JCI JONES CHEMICALS INC.						16248 INDUSTRIAL DR				NAICS Code	42469
CHLORINE	N	0	0	0	0	0	0	0	312	0	312	0	0
Total for JCI JONES CHEMICALS INC.		0	0	0	0	0	0	0	312	0	312	0	0
CAROLINE		U.S. ARMY FORT AP HILL TRAINING RANGES DPTMS FAPH (PART)						19952 N RANGE RD				NAICS Code	92811
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	0
NITROGLYCERIN	N	0	0	0	29,763	0	29,763	0	0	0	0	0	0
Total for U.S. ARMY FORT AP HILL TRAINING RAN		0	0	0	29,763	0	29,763	0	0	0	0	0	0
Total for Above County : (6 reports)		0	0	0	29,763	42	29,805	0	312	0	312	0	0
CARROLL		CATERPILLAR GLOBAL MINING AMERICA						107 RAINTREE ROAD				NAICS Code	33392
MANGANESE	N	11	0	11	0	0	11	0	0	0	0	0	0
Total for Caterpillar Global Mining America		11	0	11	0	0	11	0	0	0	0	0	0
CARROLL		VAUGHAN-BASSETT FURNITURE CO. GALAX						300 E GRAYSON ST				NAICS Code	33712
METHANOL	N	3,131	17,741	20,871	0	0	20,871	0	0	0	0	0	245
TOLUENE	N	9,952	56,502	66,454	0	0	66,454	0	0	0	0	0	833
VINYL ACETATE	N	20,349	0	20,349	0	0	20,349	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	2,014	11,415	13,429	0	0	13,429	0	0	0	0	0	200
Total for VAUGHAN-BASSETT FURNITURE CO. GA		35,445	85,658	121,103	0	0	121,103	0	0	0	0	0	1,278

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Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	form A*												
Total for Above County : (5 reports)		35,456	85,658	121,114	0	0	121,114	0	0	0	0	0	1,278
CHESAPEAKE (CITY)	AMERICAN GFM CORP							1200 CAVALIER BLVD				NAICS Code 33351	
AMMONIA	N	0	6,125	6,125	0	0	6,125	0	0	0	0	0	0
Total for AMERICAN GFM CORP		0	6,125	6,125	0	0	6,125	0	0	0	0	0	0
CHESAPEAKE (CITY)	CHESAPEAKE ENERGY CENTER							2701 VEPCO ST				NAICS Code 22111	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	3,600	3,600	0	390	3,990	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	0	0	9,900	2,400	12,300	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	750,000	750,000	0	0	750,000	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	93,000	93,000	0	0	93,000	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	0	90	90	2,500	290	2,880	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	52,000	52,000	0	0	52,000	0	0	160,000	160,000	0	0
VANADIUM COMPOUNDS	N	0	0	0	3,900	0	3,900	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	1	1	1,100	12,000	13,101	0	0	0	0	0	0
Total for CHESAPEAKE ENERGY CENTER		0	898,691	898,691	17,400	15,080	931,171	0	0	160,000	160,000	0	0
CHESAPEAKE (CITY)	CHESAPEAKE SOY CRUSHING							501 BARNES RD				NAICS Code 31122	
N-HEXANE	N	106,720	237,530	344,250	0	0	344,250	0	0	0	0	483	483
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CHESAPEAKE SOY CRUSHING		106,720	237,530	344,250	0	0	344,250	0	0	0	0	483	483
CHESAPEAKE (CITY)	ELIZABETH RIVER COMBUSTION TURBINE STATION							2837 S MILITARY HWY				NAICS Code 22111	

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1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for ELIZABETH RIVER COMBUSTION TURBI		0	0	0	0	0	0	0	0	0	0	0	0
CHESAPEAKE (CITY)		FLOWSERVE US INC						3900 COOK BLVD				NAICS Code	33391
CHROMIUM	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for FLOWSERVE US INC		0	0	0	0	0	0	0	0	0	0	0	0
CHESAPEAKE (CITY)		HESS CORP CHESAPEAKE TERMINAL						4030 BUELL ST				NAICS Code	42471
1,2,4-TRIMETHYLBENZENE	N	111	80	191	0	0	191	0	0	0	0	0	0
BENZENE	N	102	321	423	0	0	423	0	0	0	0	0	0
ETHYLBENZENE	N	144	47	191	0	0	191	0	0	0	0	0	0
NAPHTHALENE	N	19	4	23	0	0	23	0	0	0	0	0	3
N-HEXANE	N	115	606	721	0	0	721	0	0	0	0	0	0
TOLUENE	N	371	498	869	0	0	869	0	0	0	0	0	3
XYLENE (MIXED ISOMERS)	N	686	212	898	0	0	898	0	0	0	0	0	3
Total for HESS CORP CHESAPEAKE TERMINAL		1,548	1,768	3,316	0	0	3,316	0	0	0	0	0	9
CHESAPEAKE (CITY)		MITSUBISHI KAGAKU IMAGING CORP						401 VOLVO PKWY				NAICS Code	32599
CHROMIUM COMPOUNDS(EXCEPT	N	5	250	255	0	0	255	0	0	0	0	0	1,818
ZINC COMPOUNDS	N	5	250	255	0	0	255	0	0	0	0	0	3,184
Total for MITSUBISHI KAGAKU IMAGING CORP		10	500	510	0	0	510	0	0	0	0	0	5,002
CHESAPEAKE (CITY)		SAFETY-KLEEN SYSTEMS (312101)						4545 BAINBRIDGE BLVD				NAICS Code	56211
ETHYLENE GLYCOL	N	55	0	55	0	0	55	0	0	0	0	0	79,892
Total for Safety-Kleen Systems (312101)		55	0	55	0	0	55	0	0	0	0	0	79,892

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CHESAPEAKE (CITY)	UNIFIN CHESAPEAKE TRI RY2012							2601 F TRADE ST				NAICS Code	33241
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	30,171
Total for UNIFIN CHESAPEAKE TRI RY2012		0	0	0	0	0	0	0	0	0	0	0	30,171
Total for Above County : (29 reports)		108,333	1,144,614	1,252,947	17,400	15,080	1,285,427	0	0	160,000	160,000	483	115,557
CHESTERFIELD	ALERIS ROLLED PRODUCTS, INC.							1701 REYMET RD				NAICS Code	33131
ALUMINUM (FUME OR DUST)	N	3,988	7,896	11,884	0	0	11,884	0	0	0	0	0	171,497
Total for Aleris Rolled Products, Inc.		3,988	7,896	11,884	0	0	11,884	0	0	0	0	0	171,497
CHESTERFIELD	BELLWOOD PRINTING PLANT							2001 REYMET RD				NAICS Code	32311
AMMONIA	N	5,890	5,890	11,780	0	0	11,780	0	0	0	0	0	0
N-METHYL-2-PYRROLIDONE	N	5,810	5,810	11,620	0	0	11,620	0	0	0	0	0	1,270
Total for BELLWOOD PRINTING PLANT		11,700	11,700	23,400	0	0	23,400	0	0	0	0	0	1,270
CHESTERFIELD	CHESTERFIELD POWER STATION							500 COXENDALE RD				NAICS Code	22111
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	17,000	17,000	0	7,100	24,100	0	0	0	0	0	0
ARSENIC COMPOUNDS	N	0	67	67	23,000	0	23,067	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	83	83	210,000	0	210,083	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	150	150	39,000	0	39,150	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	17	17	43,000	390	43,407	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	340,000	340,000	0	0	340,000	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	43,000	43,000	0	0	43,000	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	0	180	180	54,000	0	54,180	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL COMPOUNDS	N	0	110	110	39,000	0	39,110	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	62,000	62,000	0	0	62,000	0	0	0	0	0	0
VANADIUM COMPOUNDS	N	0	44	44	82,000	0	82,044	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	550	550	48,000	740	49,290	0	0	0	0	0	0
Total for CHESTERFIELD POWER STATION		0	463,201	463,201	538,000	8,230	1,009,431	0	0	0	0	0	0
CHESTERFIELD								1851 TOUCHSTONE RD				NAICS Code	32629
AMMONIA	N	24,433	453,981	478,414	0	0	478,414	0	0	0	0	1,024	1,024
NITRATE COMPOUNDS	N	0	178	178	0	0	178	0	0	0	0	71,474	74,654
Total for CHURCH & DWIGHT CO. INC.		24,433	454,159	478,592	0	0	478,592	0	0	0	0	72,498	75,678
CHESTERFIELD								1201 BELLWOOD RD				NAICS Code	32518
HYDROGEN SULFIDE	N	157	0	157	0	0	157	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	2,823	13,074	15,897	0	0	15,897	0	0	0	0	0	0
Total for DUPONT JAMES RIVER PLANT		2,980	13,074	16,054	0	0	16,054	0	0	0	0	0	0
CHESTERFIELD								U.S. HWY 1 AT COGBILL RD				NAICS Code	32522
1,3-PHENYLENEDIAMINE	N	0	0	0	0	0	0	0	0	0	0	0	5,778
CHLOROFORM	N	1,621	6,483	8,104	0	19	8,123	0	0	260	260	0	0
CHROMIUM	N	0	0	0	0	18	18	0	0	0	0	0	0
DIMETHYLAMINE	N	47,081	0	47,081	0	36,787	83,868	0	0	72,371	72,371	0	0
N-METHYL-2-PYRROLIDONE	N	0	46,820	46,820	0	7,357	54,177	0	0	14,093	14,093	0	483,979
P-PHENYLENEDIAMINE	N	0	0	0	0	0	0	0	0	0	0	0	5,100
TOLUENE	N	19,320	20,929	40,249	0	18	40,267	0	0	0	0	0	9,831
TRICHLOROFLUOROMETHANE	N	78,585	2,841	81,426	0	18	81,444	0	0	62	62	0	0

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for DUPONT SPRUANCE PLANT		146,607	77,073	223,680	0	44,217	267,897	0	0	86,786	86,786	0	504,688
CHESTERFIELD	DUPONT TEIJIN FILMS							3600 DISCOVERY DR				NAICS Code	32521
ACETALDEHYDE	N	0	56,317	56,317	0	637	56,954	0	0	3,344	3,344	389	379
ANTIMONY COMPOUNDS	N	0	0	0	0	38	38	0	0	0	0	6	31
CREOSOTE	N	89	0	89	801	0	890	0	0	0	0	0	0
ETHYLENE GLYCOL	N	2	477	479	0	54	533	0	0	440,501	440,501	43,101	41,549
METHANOL	N	3,520	30,120	33,640	0	11	33,651	0	0	20,563	20,563	2,010	2,006
Total for DUPONT TEIJIN FILMS		3,611	86,914	90,525	801	740	92,066	0	0	464,408	464,408	45,506	43,964
CHESTERFIELD	ETERNAL TECHNOLOGY CORP							1800 TOUCHSTONE RD				NAICS Code	32599
TOLUENE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for ETERNAL TECHNOLOGY CORP		0	0	0	0	0	0	0	0	0	0	0	0
CHESTERFIELD	HONEYWELL INTERNATIONAL COLONIAL HEIGHTS PLANT							15801 WOODS EDGE RD				NAICS Code	32522
FREON 113	N	200,051	74,781	274,832	0	0	274,832	0	295,999,630	0	295,999,630	0	1,309
Total for HONEYWELL INTERNATIONAL COLONIA		200,051	74,781	274,832	0	0	274,832	0	295,999,630	0	295,999,630	0	1,309
CHESTERFIELD	INDUSTRIAL CHEMICALS INC							2540 BELLWOOD RD				NAICS Code	42469
CYCLOHEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLENE GLYCOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for INDUSTRIAL CHEMICALS INC		0	0	0	0	0	0	0	0	0	0	0	0
CHESTERFIELD	PHILIP MORRIS USA PARK 500 SITE							4100 BERMUDA HUNDRED RD				NAICS Code	31222
AMMONIA	N	3,379	334,656	338,035	0	174	338,209	0	0	2,367	2,367	0	124
BARIUM COMPOUNDS	N	21	31,998	32,019	0	0	32,019	0	0	0	0	0	21,286
CHLORINE	N	3	343	346	0	0	346	0	0	0	0	0	0

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HYDROCHLORIC ACID (1995 AND	N	0	239,413	239,413	0	0	239,413	0	0	0	0	0	0
NICOTINE AND SALTS	N	208	20,784	20,992	0	29	21,021	0	0	141,500	141,500	0	347,800
NITRATE COMPOUNDS	N	0	0	0	0	1,616	1,616	0	0	872,759	872,759	0	0
ZINC COMPOUNDS	N	37	793,092	793,129	0	0	793,129	0	0	0	0	0	37,250
Total for PHILIP MORRIS USA PARK 500 SITE		3,648	1,420,286	1,423,934	0	1,819	1,425,753	0	0	1,016,626	1,016,626	0	406,460
CHESTERFIELD SABRA DIPPING COMPANY, LLC								15900 SABRA WAY				NAICS Code 31199	
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	32,000	32,000
NITRIC ACID	N	0	0	0	0	0	0	0	0	32,221	32,221	0	0
Total for Sabra Dipping Company, LLC		0	0	0	0	0	0	0	0	32,221	32,221	32,000	32,000
CHESTERFIELD SAFETY-KLEEN SYSTEMS (315401)								1200 W 100 RD PO BOX 1098				NAICS Code 56211	
ETHYLENE GLYCOL	N	1	6	7	0	0	7	0	0	0	0	0	201,617
Total for SAFETY-KLEEN SYSTEMS (315401)		1	6	7	0	0	7	0	0	0	0	0	201,617
CHESTERFIELD SUPER RADIATOR COILS								451 SOUTHLAKE BLVD				NAICS Code 33341	
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	17,048
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	10,814
TETRACHLOROETHYLENE	N	0	888	888	0	0	888	0	0	0	0	0	2,531
Total for SUPER RADIATOR COILS		0	888	888	0	0	888	0	0	0	0	0	30,393
CHESTERFIELD TRIDENT AMERICAS								833 LIBERTY WAY				NAICS Code 33281	
COPPER	N	0	559	559	0	0	559	0	0	0	0	0	10,131
Total for Trident Americas		0	559	559	0	0	559	0	0	0	0	0	10,131
CHESTERFIELD UNIVAR USA INC CHESTER FACILIT Y								1001 OLD BERMUDA HUNDRED RD				NAICS Code 42469	
CERTAIN GLYCOL ETHERS	Y	0	0	0	0	0	0	0	0	0	0	0	0

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ETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLENE GLYCOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	N	39	1,275	1,314	0	0	1,314	0	0	0	0	0	250
METHYL ISOBUTYL KETONE	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	Y	0	0	0	0	0	0	0	0	0	0	0	0
N,N-DIMETHYLFORMAMIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	N	5	727	732	0	0	732	0	0	0	0	0	250
TOLUENE	N	33	564	597	0	0	597	0	0	0	0	0	250
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for UNIVAR USA INC CHESTER FACILIT Y		77	2,566	2,643	0	0	2,643	0	0	0	0	0	750
CHESTERFIELD		US DEFENSE LOGISTICS AGENCY DEFENSE SUPPLY CENTER RICHM						8000 JEFFERSON DAVIS HWY				NAICS Code	42512
BROMOCHLORODIFLUOROMETHA	N	260	0	260	0	0	260	0	0	0	0	0	0
BROMOTRIFLUOROMETHANE	N	2,638	0	2,638	0	0	2,638	0	47,499	0	47,499	0	0
DICHLORODIFLUOROMETHANE (C	N	161	0	161	0	0	161	0	94	0	94	0	0
DICHLOROTETRAFLUOROETHANE	N	469	0	469	0	0	469	0	0	0	0	0	0
TRICHLOROFLUOROMETHANE	N	13,134	0	13,134	0	0	13,134	0	0	0	0	0	0
Total for US DEFENSE LOGISTICS AGENCY DEFE		16,662	0	16,662	0	0	16,662	0	47,593	0	47,593	0	0
CHESTERFIELD		WAKO CHEMICALS USA INC						1600 BELLWOOD RD				NAICS Code	32519
AMMONIA	N	100	40	140	0	0	140	0	0	1,200	1,200	0	0
HYDROCHLORIC ACID (1995 AND	N	200	530	730	0	0	730	0	0	14,500	14,500	0	0
METHANOL	N	400	15,600	16,000	0	0	16,000	0	0	130,000	130,000	14,500	185,000
TOLUENE	N	500	2,400	2,900	0	0	2,900	0	0	300	300	300	60,300
Total for WAKO CHEMICALS USA INC		1,200	18,570	19,770	0	0	19,770	0	0	146,000	146,000	14,800	245,300

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Total for Above County : (72 reports)		414,958	2,631,673	3,046,631	538,801	55,006	3,640,438	0	296,047,223	1,746,041	297,793,264	164,804	1,725,058
CLARKE GRIFFITH ENERGY SERVICES INC - BERRYVILLE								618 E MAIN ST				NAICS Code 45431	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GRIFFITH ENERGY SERVICES INC - BER		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (3 reports)		0	0	0	0	0	0	0	0	0	0	0	0
COLONIAL HEIGHTS (CITY) SUN CHEMICAL CORP								16000 CONTINENTAL BLVD				NAICS Code 32591	
COPPER	N	13	12	25	0	0	25	0	0	0	0	0	0
Total for SUN CHEMICAL CORP		13	12	25	0	0	25	0	0	0	0	0	0
Total for Above County : (1 record)		13	12	25	0	0	25	0	0	0	0	0	0
COVINGTON (CITY) MEADWESTVACO OF VIRGINIA COVINGTON OPERATIONS (PART)								104 E. RIVERSIDE STREET				NAICS Code 32213	
ACETALDEHYDE	N	2	1,600	1,602	0	0	1,602	0	0	78,146	78,146	0	0
AMMONIA	N	260	240,000	240,260	0	1,500	241,760	0	0	430,000	430,000	0	0
BARIUM COMPOUNDS	N	0	2	2	0	0	2	0	0	0	0	0	0
CATECHOL	N	0	0	0	30	36	66	0	0	380	380	0	0
CHLORINE	N	10	490	500	0	0	500	0	0	89,000	89,000	0	0
CHLORINE DIOXIDE	N	5	4,000	4,005	0	0	4,005	0	0	470,000	470,000	0	0
CRESOL (MIXED ISOMERS)	N	0	16,000	16,000	690	1	16,691	4,200	0	19,000	23,200	0	0
FORMALDEHYDE	N	17	3,000	3,017	0	0	3,017	0	0	168,950	168,950	0	0
FORMIC ACID	N	0	19,000	19,000	0	0	19,000	0	0	947,071	947,071	0	0

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
HYDROCHLORIC ACID (1995 AND	N	120	1,300	1,420	0	0	1,420	0	0	195	195	0	0
HYDROGEN SULFIDE	N	12,000	54,000	66,000	11,000	5	77,005	0	0	1,600,000	1,600,000	0	0
MANGANESE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	N	0	58,000	58,000	0	0	58,000	0	0	3,052,113	3,052,113	0	0
NITRATE COMPOUNDS	N	0	0	0	72	0	72	0	0	0	0	0	0
PHENOL	N	0	16,000	16,000	460	1	16,461	1,000	0	7,400	8,400	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	200,000	200,000	0	0	200,000	0	0	310,000	310,000	0	0
VANADIUM COMPOUNDS	N	0	1	1	0	0	1	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	13	13	0	0	13	0	0	0	0	0	0
Total for MEADWESTVACO OF VIRGINIA COVING		12,414	613,406	625,820	12,252	1,543	639,615	5,200	0	7,172,255	7,177,455	0	0
Total for Above County : (18 reports)		12,414	613,406	625,820	12,252	1,543	639,615	5,200	0	7,172,255	7,177,455	0	0
CULPEPER CULPEPER WOOD PRESERVERS								15487 BRAGGS CORNER RD				NAICS Code 32111	
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CULPEPER WOOD PRESERVERS		0	0	0	0	0	0	0	0	0	0	0	0
CULPEPER MASCO CABINETRY LLC								641 MADDOX DR				NAICS Code 33711	
TOLUENE	N	0	16,142	16,142	0	0	16,142	0	0	0	0	0	874
XYLENE (MIXED ISOMERS)	N	0	15,731	15,731	0	0	15,731	0	0	0	0	0	848
Total for MASCO CABINETRY LLC		0	31,873	31,873	0	0	31,873	0	0	0	0	0	1,722
CULPEPER QUARLES PETROLEUM INC. CULPEPER BULK PLANT								15427 BRANDY RD				NAICS Code 42471	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM INC. CULPEPER		0	0	0	0	0	0	0	0	0	0	0	0
CULPEPER ROCHESTER WIRE & CABLE, LLC								751 OLD BRANDY RD				NAICS Code 33149	
COPPER	N	0	0	0	0	0	0	0	0	0	0	4	150,822
Total for ROCHESTER Wire & Cable, LLC		0	0	0	0	0	0	0	0	0	0	4	150,822
Total for Above County : (10 reports)		0	31,873	31,873	0	0	31,873	0	0	0	0	4	152,544
CUMBERLAND GEMINI-FARMVILLE								102 HAUSCHILD DR				NAICS Code 33995	
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GEMINI-FARMVILLE		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
DANVILLE (CITY) THE GOODYEAR TIRE & RUBBER CO.								1901 GOODYEAR BLVD				NAICS Code 32621	
COBALT COMPOUNDS	N	0	2	2	0	0	2	0	0	0	0	0	1,593
METHYL ISOBUTYL KETONE	N	0	25,368	25,368	0	0	25,368	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	676	676	0	85	761	0	0	0	0	3,294	605,728
Total for THE GOODYEAR TIRE & RUBBER CO.		0	26,046	26,046	0	85	26,131	0	0	0	0	3,294	607,321
Total for Above County : (3 reports)		0	26,046	26,046	0	85	26,131	0	0	0	0	3,294	607,321
DINWIDDIE TUBE CITY IMS								25805 HOFHEIMER WAY				NAICS Code 56292	
MANGANESE COMPOUNDS	N	10	0	10	0	0	10	0	0	0	0	0	0
Total for TUBE CITY IMS		10	0	10	0	0	10	0	0	0	0	0	0

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Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	form A*												
Total for Above County : (1 record)		10	0	10	0	0	10	0	0	0	0	0	0
FAIRFAX CIA HEADQUARTERS COMPOUND								RT 123 & 193				NAICS Code 92811	
1,2,4-TRIMETHYLBENZENE	N	5	0	5	0	0	5	0	0	0	0	0	0
Total for CIA HEADQUARTERS COMPOUND		5	0	5	0	0	5	0	0	0	0	0	0
FAIRFAX SHENANDOAH'S PRIDE								5325 PORT ROYAL RD				NAICS Code 31151	
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	34,000	34,000
NITRIC ACID	N	0	0	0	0	0	0	0	0	25,200	25,200	0	0
Total for SHENANDOAH'S PRIDE		0	0	0	0	0	0	0	0	25,200	25,200	34,000	34,000
FAIRFAX SICPA SECURINK CORP								8000 RESEARCH WAY				NAICS Code 32591	
CERTAIN GLYCOL ETHERS	N	250	0	250	0	0	250	0	0	0	0	0	2,225
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
PHTHALIC ANHYDRIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE DIISOCYANATE (MIXED	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for SICPA SECURINK CORP		250	0	250	0	0	250	0	0	0	0	0	2,225
Total for Above County : (7 reports)		255	0	255	0	0	255	0	0	25,200	25,200	34,000	36,225
FAIRFAX (CITY) MOTIVA FAIRFAX TERMINAL								3800 PICKETT RD				NAICS Code 42471	
1,2,4-TRIMETHYLBENZENE	N	38	33	71	0	0	71	0	0	0	0	0	0
BENZENE	N	77	151	228	0	0	228	0	0	0	0	0	0
ETHYLBENZENE	N	33	31	64	0	0	64	0	0	0	0	0	0
NAPHTHALENE	N	4	3	7	0	0	7	0	0	0	0	0	0
N-HEXANE	N	132	267	399	0	0	399	0	0	0	0	0	0
STYRENE	N	2	3	5	0	0	5	0	0	0	0	0	0

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Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
TOLUENE	N	187	284	471	0	0	471	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	183	156	339	0	0	339	0	0	0	0	0	0
Total for MOTIVA FAIRFAX TERMINAL		656	928	1,584	0	0	1,584	0	0	0	0	0	0
Total for Above County : (8 reports)		656	928	1,584	0	0	1,584	0	0	0	0	0	0
FAUQUIER FIBERGLASS ENGINEERING CO								5019 AIRPORT RD				NAICS Code	32619
STYRENE	N	8,560	0	8,560	0	0	8,560	0	0	0	0	0	0
Total for FIBERGLASS ENGINEERING CO		8,560	0	8,560	0	0	8,560	0	0	0	0	0	0
FAUQUIER US DOD, WARRENTON TRAINING CENTER STATION B								7471 BEAR WALLOW ROAD				NAICS Code	92811
NAPHTHALENE	N	0	4	4	0	0	4	0	0	0	0	0	8
Total for US DOD, WARRENTON TRAINING CENT		0	4	4	0	0	4	0	0	0	0	0	8
Total for Above County : (2 reports)		8,560	4	8,564	0	0	8,564	0	0	0	0	0	8
FLUVANNA DOMINION RESOURCES INC BREMO POWER STATION								1038 BREMO RD				NAICS Code	22111
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	0	0	15,300	680	15,980	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	188,000	188,000	0	0	188,000	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	18,600	18,600	0	0	18,600	0	0	19,300	19,300	0	0
Total for DOMINION RESOURCES INC BREMO PO		0	206,600	206,600	15,300	680	222,580	0	0	19,300	19,300	0	0
Total for Above County : (6 reports)		0	206,600	206,600	15,300	680	222,580	0	0	19,300	19,300	0	0
FRANKLIN BLUE RIDGE SOLVENTS & COATINGS								3800 ORIGINAL HENRY RD				NAICS Code	32551

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Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
N-METHYL-2-PYRROLIDONE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BLUE RIDGE SOLVENTS & COATINGS		0	0	0	0	0	0	0	0	0	0	0	0
FRANKLIN		GREAT SOUTHERN WOOD - VA, INC.						1050 N MAIN ST				NAICS Code	32111
COPPER	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GREAT SOUTHERN WOOD - VA, INC.		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (3 reports)		0	0	0	0	0	0	0	0	0	0	0	0
FREDERICK		FISHER SCIENTIFIC INTERNATIONAL MTN DIAGNOSTICS PLANT						8365 VALLEY PIKE				NAICS Code	32541
CERTAIN GLYCOL ETHERS	N	0	0	0	0	0	0	0	0	0	0	0	2,874
Total for FISHER SCIENTIFIC INTERNATIONAL MT		0	0	0	0	0	0	0	0	0	0	0	2,874
FREDERICK		HP HOOD LLC						160 HOOD WAY				NAICS Code	31151
AMMONIA	N	62	0	62	0	0	62	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	73,830	73,830
NITRIC ACID	N	0	0	0	0	0	0	0	0	54,689	54,689	0	0
Total for HP HOOD LLC		62	0	62	0	0	62	0	0	54,689	54,689	73,830	73,830
FREDERICK		PACTIV LLC						172 PACTIV WAY				NAICS Code	32614
METHANOL	N	27,178	0	27,178	0	0	27,178	0	0	0	0	0	0
Total for PACTIV LLC		27,178	0	27,178	0	0	27,178	0	0	0	0	0	0
FREDERICK		QG, LLC WINCHESTER VIRGINIA						160 CENTURY LN STONEWALL INDUSTRIAL PARK				NAICS Code	32311
CERTAIN GLYCOL ETHERS	N	5,223	244	5,467	0	0	5,467	0	0	0	0	0	0
Total for QG, LLC WINCHESTER VIRGINIA		5,223	244	5,467	0	0	5,467	0	0	0	0	0	0
FREDERICK		QUARLES PETROLEUM INC. WINCHESTER BULK PLANT						779 SMITHFIELD AVE				NAICS Code	42471

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Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM INC. WINCHEST		0	0	0	0	0	0	0	0	0	0	0	0
FREDERICK TRELLEBORG MARINE SYSTEMS USA, INC.								3470 MARTINSBURG PIKE				NAICS Code	32619
DIISOCYANATES	N	0	5	5	0	0	5	0	0	0	0	0	4,642
TOLUENE	N	5	5	10	0	0	10	0	0	0	0	0	2,321
TOLUENE DIISOCYANATE (MIXED	N	5	5	10	0	0	10	0	0	0	0	0	1,160
Total for Trelleborg Marine Systems USA, Inc.		10	15	25	0	0	25	0	0	0	0	0	8,123
FREDERICK TREX - WINCHESTER MANUFACTURING								3229 SHAWNEE DRIVE				NAICS Code	32619
CHROMIUM COMPOUNDS (EXCEPT	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Trex - Winchester Manufacturing		0	0	0	0	0	0	0	0	0	0	0	0
FREDERICK VALLEY PROTEINS INC. - WINCHESTER FACILITY								1635 INDIAN HOLLOW RD				NAICS Code	31161
CHLORINE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for VALLEY PROTEINS INC. - WINCHESTER		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (16 reports)		32,473	259	32,732	0	0	32,732	0	0	54,689	54,689	73,830	84,827
FREDERICKSBURG (CITY) QUARLES PETROLEUM INC FREDERICKSBURG TERMINAL/BULK P								3300 BEULAH SALISBURY RD				NAICS Code	42471
1,2,4-TRIMETHYLBENZENE	N	0	6	6	0	0	6	0	0	0	0	0	0
BENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM INC FREDERICK		0	6	6	0	0	6	0	0	0	0	0	0
Total for Above County : (6 reports)		0	6	6	0	0	6	0	0	0	0	0	0
GALAX (CITY) CONSOLIDATED GLASS & MIRROR								305 LINEBERRY RD				NAICS Code	32721
1,2,4-TRIMETHYLBENZENE	N	0	73	73	0	0	73	0	0	18,096	18,096	0	373
ETHYLBENZENE	N	0	111	111	0	0	111	0	0	27,619	27,619	0	308
XYLENE (MIXED ISOMERS)	N	0	379	379	0	0	379	0	0	94,252	94,252	0	1,713
Total for CONSOLIDATED GLASS & MIRROR		0	563	563	0	0	563	0	0	139,967	139,967	0	2,394
GALAX (CITY) WEBB FURNITURE ENTERPRISES INC PLANT 1								307 RAILROAD AVE				NAICS Code	33712
VINYL ACETATE	N	19,955	0	19,955	0	0	19,955	0	0	0	0	0	0
Total for WEBB FURNITURE ENTERPRISES INC P		19,955	0	19,955	0	0	19,955	0	0	0	0	0	0
Total for Above County : (4 reports)		19,955	563	20,518	0	0	20,518	0	0	139,967	139,967	0	2,394
GILES AMERICAN ELECTRIC POWER GLEN LYN PLANT								RTE 460				NAICS Code	22111
HYDROCHLORIC ACID (1995 AND	N	0	71,000	71,000	0	0	71,000	0	0	0	0	0	0
Total for AMERICAN ELECTRIC POWER GLEN LY		0	71,000	71,000	0	0	71,000	0	0	0	0	0	0
GILES CELANESE ACETATE LLC - CELCO P LANT								3520 VIRGINIA AVE				NAICS Code	32522
1,3-BUTADIENE	N	250	250	500	0	0	500	27,321	0	0	27,321	0	0
ACETAMIDE	N	0	0	0	0	250	250	0	0	147,763	147,763	0	0
ACETONITRILE	N	1,340	38	1,378	0	18	1,396	23,867	0	17,292	41,159	0	0
BARIUM COMPOUNDS	N	0	226	226	42,653	313	43,192	0	0	0	0	0	0

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
CYCLOHEXANE	N	150,680	9,069	159,749	0	0	159,749	47,885	0	0	47,885	0	0
DICHLOROMETHANE	N	30,799	0	30,799	0	0	30,799	0	0	0	0	0	0
ETHYLENE	N	1,579	648	2,227	0	0	2,227	647,591	0	0	647,591	0	0
HYDROCHLORIC ACID (1995 AND	N	0	149,657	149,657	0	0	149,657	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	67,885	67,885	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	5	149,800	149,805	0	0	149,805	0	0	0	0	0	0
VANADIUM COMPOUNDS	N	0	104	104	19,793	18	19,915	0	0	0	0	0	0
Total for CELANESE ACETATE LLC - CELCO P LA		184,653	309,792	494,445	62,446	68,484	625,375	746,664	0	165,055	911,719	0	0
GILES		GE FAIRCHILD MINING EQUIPMENT						200 FAIRCHILD LN				NAICS Code	33313
MANGANESE	N	250	0	250	0	0	250	0	0	0	0	0	14,006
Total for GE Fairchild Mining Equipment		250	0	250	0	0	250	0	0	0	0	0	14,006
GILES		LHOIST NORTH AMERICA OF VIRGINIA INC KIMBALLTON AREA 1						2093 BIG STONY CREEK RD				NAICS Code	32741
HYDROCHLORIC ACID (1995 AND	N	0	62,052	62,052	0	0	62,052	0	0	0	0	0	0
VANADIUM COMPOUNDS	N	2	1	3	1,927	0	1,930	0	0	0	0	0	0
ZINC COMPOUNDS	N	4	0	4	30,067	0	30,071	0	0	0	0	0	0
Total for LHOIST NORTH AMERICA OF VIRGINIA I		6	62,053	62,059	31,994	0	94,053	0	0	0	0	0	0
Total for Above County : (17 reports)		184,909	442,845	627,754	94,440	68,484	790,678	746,664	0	165,055	911,719	0	14,006
GREENSVILLE		GEORGIA PACIFIC WOOD PRODUCTS LLC EMPORIA PLYWOOD						634 DAVIS ST				NAICS Code	32121
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	N	24,000	7,100	31,100	0	0	31,100	0	0	7,100	7,100	0	0
Total for GEORGIA PACIFIC WOOD PRODUCTS		24,000	7,100	31,100	0	0	31,100	0	0	7,100	7,100	0	0

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Appendix F

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Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	form A*												
Total for Above County : (2 reports)		24,000	7,100	31,100	0	0	31,100	0	0	7,100	7,100	0	0
HALIFAX	ABB INC							2135 PHILPOTT RD				NAICS Code 33531	
CHROMIUM	N	1	0	1	0	0	1	0	0	0	0	0	123,530
COPPER	N	0	0	0	0	0	0	0	0	0	0	3	772,840
MANGANESE	N	298	0	298	0	0	298	0	0	0	0	0	91,605
NICKEL	N	1	0	1	0	0	1	0	0	0	0	0	83,713
Total for ABB INC		300	0	300	0	0	300	0	0	0	0	3	1,071,688
HALIFAX	AQUATIC CO							1100 INDUSTRIAL PARK RD HALIFAX INDUSTRIAL				NAICS Code 32619	
STYRENE	N	4,340	83,040	87,380	0	0	87,380	0	0	882	882	0	3,210
Total for Aquatic Co		4,340	83,040	87,380	0	0	87,380	0	0	882	882	0	3,210
HALIFAX	BOHLER UDDEHOLM CORPORATION							2306 EASTOVER DR				NAICS Code 33122	
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	19,112
COBALT	N	0	0	0	0	0	0	0	0	0	0	0	3,144
METHANOL	N	5	5	10	0	0	10	0	0	0	0	0	0
Total for BOHLER UDDEHOLM CORPORATION		5	5	10	0	0	10	0	0	0	0	0	22,256
HALIFAX	DOMINION CLOVER POWER STATION							RTE 92				NAICS Code 22111	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ARSENIC COMPOUNDS	N	0	15	15	29,900	83	29,998	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	0	0	282,000	699	282,699	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	287	287	51,100	110	51,497	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	93	93	57,700	50	57,843	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	15,600	15,600	0	0	15,600	0	0	2,160,000	2,160,000	0	0

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Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
HYDROGEN CYANIDE	N	0	38,500	38,500	0	0	38,500	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	7,890	7,890	0	0	7,890	0	0	264,000	264,000	0	0
MANGANESE COMPOUNDS	N	0	598	598	80,000	1,570	82,168	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL COMPOUNDS	N	0	292	292	50,900	47	51,239	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	284,000	284,000	0	0	284,000	0	0	687,000	687,000	0	0
VANADIUM COMPOUNDS	N	0	189	189	109,000	0	109,189	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	0	0	66,300	331	66,631	0	0	0	0	0	0
Total for DOMINION CLOVER POWER STATION		0	347,464	347,464	726,900	2,890	1,077,254	0	0	3,111,000	3,111,000	0	0
HALIFAX		HUBER ENGINEERED WOODS LLC						1000 CHANEY LN				NAICS Code	32121
ACETALDEHYDE	N	279	3,743	4,022	0	0	4,022	0	0	49,400	49,400	0	0
ACROLEIN	N	250	9,662	9,912	0	0	9,912	0	0	27,849	27,849	0	0
DIISOCYANATES	N	0	54	54	0	0	54	0	0	1	1	0	0
FORMALDEHYDE	N	77	14,557	14,634	0	0	14,634	40	0	140,886	140,926	0	0
METHANOL	N	404	26,832	27,236	0	0	27,236	0	0	93,597	93,597	0	0
PHENOL	N	514	5,838	6,352	0	0	6,352	40	0	60,973	61,013	0	0
Total for HUBER ENGINEERED WOODS LLC		1,524	60,686	62,210	0	0	62,210	80	0	372,706	372,786	0	0
HALIFAX		RTP CO						1150 GREENS FOLLY RD				NAICS Code	32599
ANILINE	N	5	5	10	0	0	10	0	0	0	0	0	52
Total for RTP CO		5	5	10	0	0	10	0	0	0	0	0	52
Total for Above County : (30 reports)		6,174	491,200	497,375	726,900	2,890	1,227,165	80	0	3,484,588	3,484,668	3	1,097,206

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
HAMPTON (CITY)	BENNETTE PAINT MFG CO INC							401 INDUSTRY DR				NAICS Code	32551
ETHYLENE GLYCOL	N	5	5	10	0	0	10	0	0	0	0	25	25
XYLENE (MIXED ISOMERS)	N	90	45	135	0	0	135	0	5	0	5	0	0
Total for BENNETTE PAINT MFG CO INC		95	50	145	0	0	145	0	5	0	5	25	25
HAMPTON (CITY)	CATALINA CYLINDERS CLIFF IMPACT DIV							2400 ALUMINUM AVE				NAICS Code	33131
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	4,244
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	42	42
NITRIC ACID	N	5	5	10	0	0	10	0	0	48,600	48,600	0	0
Total for CATALINA CYLINDERS CLIFF IMPACT DI		5	5	10	0	0	10	0	0	48,600	48,600	42	4,286
HAMPTON (CITY)	CWPI							5604 CITY LINE RD				NAICS Code	32111
COPPER COMPOUNDS	N	0	0	0	0	4	4	0	2,000	0	2,000	0	0
Total for CWPI		0	0	0	0	4	4	0	2,000	0	2,000	0	0
HAMPTON (CITY)	HOWMET CASTINGS & SERVICES INC							ONE HOWMET DR				NAICS Code	33152
4,4'-ISOPROPYLIDENEDIPHENOL	N	24	24	48	0	0	48	0	0	1,172	1,172	60	234,789
ALUMINUM (FUME OR DUST)	N	0	138	138	0	0	138	0	0	0	0	0	0
CHROMIUM	N	0	32	32	0	0	32	0	0	0	0	25	21,867
COBALT	N	0	13	13	0	0	13	0	0	0	0	24	16,434
HYDROGEN FLUORIDE	N	0	149	149	0	0	149	0	0	7,383	7,383	0	83,842
MANGANESE	N	0	1	1	0	0	1	0	0	0	0	3	1,132
NICKEL	N	0	86	86	0	0	86	0	0	0	0	94	85,973
NITRIC ACID	N	0	748	748	0	0	748	0	0	408	408	0	60,726
Total for HOWMET CASTINGS & SERVICES INC		24	1,191	1,215	0	0	1,215	0	0	8,963	8,963	206	504,763

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
HAMPTON (CITY)	U.S. DOD, USAF, JOINT BASE LANGLEY EUSTIS - LANGLEY AFB							633 CES/CEAN 37 SWEENEY BLVD				NAICS Code	92811
NAPHTHALENE	N	0	6	6	0	2	8	0	0	0	0	0	16
Total for U.S. DoD, USAF, JOINT BASE LANGLEY		0	6	6	0	2	8	0	0	0	0	0	16
Total for Above County : (15 reports)		124	1,252	1,376	0	6	1,382	0	2,005	57,563	59,568	273	509,090
HANOVER	BEAR ISLAND PAPER WB LLC							10026 OLD RIDGE RD				NAICS Code	32212
HYDROCHLORIC ACID (1995 AND	N	0	43,100	43,100	0	0	43,100	0	0	0	0	0	0
METHANOL	N	2,000	26,320	28,320	0	0	28,320	0	0	0	0	0	0
Total for BEAR ISLAND PAPER WB LLC		2,000	69,420	71,420	0	0	71,420	0	0	0	0	0	0
HANOVER	CHEMTREAT, INC							10040 LICKINGHOLE RD				NAICS Code	32599
SODIUM NITRITE	N	0	0	0	2,019	0	2,019	0	0	0	0	0	2,019
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CHEMTREAT, INC		0	0	0	2,019	0	2,019	0	0	0	0	0	2,019
HANOVER	DOSWELL LIMITED PARTNERSHIP							10098 OLD RIDGE RD				NAICS Code	22111
AMMONIA	N	5	258,208	258,213	0	0	258,213	0	0	0	0	0	0
Total for DOSWELL LIMITED PARTNERSHIP		5	258,208	258,213	0	0	258,213	0	0	0	0	0	0
HANOVER	PUGH LUBRICANTS ASHLAND							10992 LEADBETTER RD				NAICS Code	42471
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for PUGH LUBRICANTS ASHLAND		0	0	0	0	0	0	0	0	0	0	0	0
HANOVER	SOUTH ATLANTIC GALVANIZING LLC							11022 LEWISTOWN RD				NAICS Code	33281
ZINC COMPOUNDS	N	4,101	0	4,101	0	53	4,154	0	0	0	0	0	210,072

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Chemical Name	form A*												
Total for SOUTH ATLANTIC GALVANIZING LLC		4,101	0	4,101	0	53	4,154	0	0	0	0	0	210,072
HANOVER	TYSON FOODS INC. - PROCESSING FACILITY							13264 MOUNTAIN RD				NAICS Code	31161
AMMONIA	N	29,537	0	29,537	0	4	29,541	0	0	13,207	13,207	0	0
Total for TYSON FOODS INC. - PROCESSING FACI		29,537	0	29,537	0	4	29,541	0	0	13,207	13,207	0	0
Total for Above County : (10 reports)		35,643	327,628	363,271	2,019	57	365,347	0	0	13,207	13,207	0	212,091
HARRISONBURG (CITY)	GEORGE'S FOODS LLC FEED MILL							61 KRATZER RD				NAICS Code	31111
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GEORGE'S FOODS LLC FEED MILL		0	0	0	0	0	0	0	0	0	0	0	0
HARRISONBURG (CITY)	GILMER INDUSTRIES INC							560 STONE SPRING RD				NAICS Code	32561
CERTAIN GLYCOL ETHERS	Y	0	0	0	0	0	0	0	0	0	0	0	0
DIETHANOLAMINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NITRIC ACID	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GILMER INDUSTRIES INC		0	0	0	0	0	0	0	0	0	0	0	0
HARRISONBURG (CITY)	PILGRIM'S PRIDE CORP HARRISONBURG FEEDMILL							590 MT. CLINTON PIKE				NAICS Code	31111
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for PILGRIM'S PRIDE CORP HARRISONBUR		0	0	0	0	0	0	0	0	0	0	0	0
HARRISONBURG (CITY)	QUARLES PETROLEUM INC HARRISONBURG BULK PLANT							1006 W MARKET ST				NAICS Code	42471
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM INC HARRISONB		0	0	0	0	0	0	0	0	0	0	0	0
HARRISONBURG (CITY) TENNECO WALKER MANUFACTURING CO								3160 ABBOTT LN				NAICS Code	33639
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	87,165
COBALT	N	0	0	0	0	0	0	0	0	0	0	0	11,779
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	11,128
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	42,804
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	52,934
Total for TENNECO WALKER MANUFACTURING C		0	0	0	0	0	0	0	0	0	0	0	205,810
Total for Above County : (18 reports)		0	0	0	0	0	0	0	0	0	0	0	205,810
HENRICO CADMUS SPECIALTY PUBLICATIONS								2901 BYRDHILL RD				NAICS Code	32311
ETHYLENE GLYCOL	N	2,108	89	2,197	0	0	2,197	0	0	4,433	4,433	8,913	8,913
Total for CADMUS SPECIALTY PUBLICATIONS		2,108	89	2,197	0	0	2,197	0	0	4,433	4,433	8,913	8,913
HENRICO ENNIS-FLINT								4400 VAWTER AVE				NAICS Code	32551
METHANOL	N	0	16,633	16,633	0	0	16,633	0	0	0	0	0	0
Total for ENNIS-Flint		0	16,633	16,633	0	0	16,633	0	0	0	0	0	0
HENRICO JOHNS MANVILLE CORP HAMILTON PLANT								7400 RANCO RD				NAICS Code	32222
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	6,676
DECABROMODIPHENYL OXIDE	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for JOHNS MANVILLE CORP HAMILTON PLA		0	0	0	0	0	0	0	0	0	0	0	6,676

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HENRICO	READY MIXED CONCRETE CO							4607 RACRETE RD				NAICS Code	32732
NITRATE COMPOUNDS	N	0	0	0	545	0	545	0	0	0	0	0	0
Total for READY MIXED CONCRETE CO		0	0	0	545	0	545	0	0	0	0	0	0
HENRICO	SOUTHERN GRAPHIC SYSTEMS RICHMOND							5301 LEWIS RD				NAICS Code	32312
COPPER COMPOUNDS	N	0	206	206	0	0	206	0	0	0	0	1	41,794
Total for SOUTHERN GRAPHIC SYSTEMS RICHM		0	206	206	0	0	206	0	0	0	0	1	41,794
HENRICO	STANDEX ENGRAVING LLC							5901 LEWIS RD				NAICS Code	32311
COPPER	N	1	1	2	0	0	2	0	0	0	0	7	477
NITRIC ACID	N	0	251	251	0	0	251	0	0	4,768	4,768	0	12,202
Total for STANDEX ENGRAVING LLC		1	252	253	0	0	253	0	0	4,768	4,768	7	12,679
Total for Above County : (8 reports)		2,109	17,180	19,289	545	0	19,834	0	0	9,201	9,201	8,922	70,062
HENRY	BASSETT PLANT 11							PATRIOT CENTRE AT BEAVER CREEK				NAICS Code	33712
XYLENE (MIXED ISOMERS)	N	5	13,714	13,719	0	0	13,719	0	0	0	0	0	1,381
Total for BASSETT PLANT 11		5	13,714	13,719	0	0	13,719	0	0	0	0	0	1,381
HENRY	COMMONWEALTH LAMINATING & COATING INC							345 BEAVER CREEK DR				NAICS Code	32611
ETHYLENE GLYCOL	N	750	5,569	6,319	0	0	6,319	0	1,354,528	41,943	1,396,471	40,920	104,476
N-HEXANE	N	250	695	945	0	0	945	0	0	67,596	67,596	0	8,814
N-METHYL-2-PYRROLIDONE	N	250	23	273	0	0	273	0	0	186,362	186,362	26,488	282,260
TOLUENE	N	250	11,309	11,559	0	0	11,559	0	0	660,499	660,499	0	211,219
Total for COMMONWEALTH LAMINATING & COATI		1,500	17,596	19,096	0	0	19,096	0	1,354,528	956,400	2,310,928	67,408	606,769
HENRY	CPFILMS - PLANT II							4129 THE GREAT RD				NAICS Code	32613
ACRYLIC ACID	N	110	2,300	2,410	0	0	2,410	0	0	49,000	49,000	0	250

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Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
ETHYLENE GLYCOL	N	7,100	1,800	8,900	0	0	8,900	0	0	570,000	570,000	46,000	206,600
N-HEXANE	N	61	1,200	1,261	0	0	1,261	0	0	110,000	110,000	0	420
N-METHYL-2-PYRROLIDONE	N	450	190	640	0	0	640	0	0	780,000	780,000	36,000	558,740
TOLUENE	N	710	14,000	14,710	0	0	14,710	0	0	490,000	490,000	0	30,000
Total for CPFILMS - PLANT II		8,431	19,490	27,921	0	0	27,921	0	0	1,999,000	1,999,000	82,000	796,010
HENRY		CPFILMS INC. - PLANT 1						4210 THE GREAT RD				NAICS Code	32613
TOLUENE	N	34	670	704	0	0	704	0	0	64,000	64,000	0	38,000
Total for CPFILMS INC. - PLANT 1		34	670	704	0	0	704	0	0	64,000	64,000	0	38,000
HENRY		CPFILMS INC.-AXTON FACILITY						47 BRENDA DR				NAICS Code	32613
ETHYLENE GLYCOL	N	65,000	33,000	98,000	0	0	98,000	0	0	0	0	0	105,100
N-METHYL-2-PYRROLIDONE	N	56,000	2,600	58,600	0	0	58,600	0	0	0	0	0	225,100
Total for CPFILMS INC.-AXTON FACILITY		121,000	35,600	156,600	0	0	156,600	0	0	0	0	0	330,200
HENRY		MEHLER ENGINEERED PRODUCTS						175 MEHLER LN				NAICS Code	31499
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	180
TOLUENE	N	298	8	306	0	0	306	774,961	0	0	774,961	0	3,308
XYLENE (MIXED ISOMERS)	N	5	1	6	0	0	6	15,379	0	0	15,379	0	30
Total for MEHLER ENGINEERED PRODUCTS		303	9	312	0	0	312	790,340	0	0	790,340	0	3,518
Total for Above County : (16 reports)		131,273	87,079	218,352	0	0	218,352	790,340	1,354,528	3,019,400	5,164,268	149,408	1,775,878
HOPEWELL (CITY)		EVONIK GOLDSCHMIDT CORP						914 E RANDOLPH RD				NAICS Code	32561
ACRYLIC ACID	N	0	525	525	0	0	525	0	0	0	0	154	13,757
ALLYL ALCOHOL	N	0	100	100	0	0	100	0	0	1,994	1,994	0	0
CHLOROACETIC ACID	N	0	225	225	0	0	225	0	0	0	0	0	0

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2012 Toxics Release Inventory

Appendix F

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ETHYLENE GLYCOL	N	0	897	897	0	0	897	0	0	0	0	104,818	104,818
ETHYLENE OXIDE	N	0	14	14	0	0	14	0	0	14,242	14,242	0	0
PROPYLENE OXIDE	N	0	7	7	0	0	7	0	0	7,121	7,121	0	0
XYLENE (MIXED ISOMERS)	N	0	0	0	0	0	0	0	0	0	0	0	691
Total for EVONIK GOLDSCHMIDT CORP		0	1,769	1,769	0	0	1,769	0	0	23,357	23,357	104,972	119,266
HOPEWELL (CITY) HERCULES INCORPORATED								1111 HERCULES RD				NAICS Code	32519
CERTAIN GLYCOL ETHERS	N	250	0	250	0	0	250	0	0	0	0	278,555	278,555
CHLOROACETIC ACID	N	250	5	255	0	0	255	0	0	0	0	0	0
CHLOROETHANE	N	65,558	1,628	67,186	0	0	67,186	0	50,937	0	50,937	33	33
ETHYLENE	N	4,455	53,204	57,659	0	0	57,659	0	0	0	0	0	0
ETHYLENE GLYCOL	N	250	0	250	0	0	250	0	0	0	0	2,252,213	2,252,213
ETHYLENE OXIDE	N	992	250	1,242	0	0	1,242	0	0	82	82	1,166	1,166
METHANOL	N	239,392	2,653	242,045	0	0	242,045	0	148,071,878	0	148,071,878	518,201	518,741
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	5,745,309	5,745,309
NITRIC ACID	N	2,384	250	2,634	0	0	2,634	0	0	0	0	0	0
PROPYLENE OXIDE	N	2,155	132	2,287	0	0	2,287	0	0	64	64	9	9
TERT-BUTYL ALCOHOL	N	123,421	4,322	127,743	0	0	127,743	0	171,863,085	0	171,863,085	210,437	210,449
Total for HERCULES INCORPORATED		439,107	62,444	501,551	0	0	501,551	0	319,985,900	146	319,986,046	9,005,923	9,006,475
HOPEWELL (CITY) HONEYWELL INTERNATIONAL INC HOPEWELL PLANT								905 E RANDOLPH RD				NAICS Code	32519
ACETALDEHYDE	N	4,000	690	4,690	0	0	4,690	0	0	570,000	570,000	2,500	2,500
AMMONIA	N	62,000	3,200,000	3,262,000	0	46,800	3,308,800	0	0	0	0	240,000	240,000
BENZENE	N	1,400	7,900	9,300	0	102	9,402	0	74,000	160,000	234,000	89	169
COPPER COMPOUNDS	N	0	0	0	0	1,772	1,772	0	0	0	0	300	67,418

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CYCLOHEXANOL	N	2,900	3,200	6,100	0	35,000	41,100	0	0	0	0	44,000	44,000
ETHYLENE GLYCOL	N	5	0	5	0	0	5	0	0	0	0	11,000	11,015
METHANOL	N	310	33	343	0	0	343	1,200,000	0	0	1,200,000	15,000	15,380
METHYL ISOBUTYL KETONE	N	660	0	660	0	0	660	0	0	1,700	1,700	0	0
N-HEXANE	N	3,600	73	3,673	0	0	3,673	0	0	370,000	370,000	1,100	185,900
NITRATE COMPOUNDS	N	0	6,600	6,600	0	85,000	91,600	0	0	0	0	900,000	900,000
PHENOL	N	17,000	24,000	41,000	0	280	41,280	0	0	0	0	10,000	10,180
SULFURIC ACID - (1994 AND AFTER	N	250	33,000	33,250	0	0	33,250	0	1,600,000	0	1,600,000	0	0
TOLUENE	N	9,000	9,800	18,800	0	85	18,885	0	65,000	210,000	275,000	110	1,700
VANADIUM COMPOUNDS	N	0	0	0	0	1,038	1,038	0	0	0	0	194	0
Total for HONEYWELL INTERNATIONAL INC HOPE		101,125	3,285,296	3,386,421	0	170,077	3,556,498	1,200,000	1,739,000	1,311,700	4,250,700	1,224,293	1,478,262
HOPEWELL (CITY) HOPEWELL POWER STATION								107 TERMINAL ST				NAICS Code	22111
AMMONIA	N	0	2,130	2,130	0	27	2,157	0	0	0	0	0	0
Total for HOPEWELL POWER STATION		0	2,130	2,130	0	27	2,157	0	0	0	0	0	0
HOPEWELL (CITY) ROCKTENN CP, LLC								910 INDUSTRIAL ST				NAICS Code	32213
ACETALDEHYDE	N	0	11,030	11,030	0	0	11,030	0	0	6,528	6,528	86,129	0
AMMONIA	N	0	70,757	70,757	0	0	70,757	0	0	0	0	8,439	0
BARIUM COMPOUNDS	N	0	651	651	19,494	0	20,145	0	0	0	0	0	32,653
CATECHOL	N	0	0	0	0	0	0	0	0	0	0	652	0
FORMALDEHYDE	N	0	7,235	7,235	0	0	7,235	0	0	2,126	2,126	7,821	0
HYDROCHLORIC ACID (1995 AND	N	0	83,474	83,474	0	0	83,474	0	0	0	0	0	0
HYDROGEN SULFIDE	N	0	29,828	29,828	0	0	29,828	0	0	73,321	73,321	98,875	90,965
MANGANESE COMPOUNDS	N	0	197	197	81,751	0	81,948	0	0	0	0	32,684	102,376

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METHANOL	N	0	164,967	164,967	0	0	164,967	0	0	114,464	114,464	5,237,719	4,818,701
NAPHTHALENE	N	0	455	455	0	0	455	0	0	0	0	28	370
PHENOL	N	0	11,483	11,483	0	0	11,483	0	0	2,244	2,244	5,281	0
SULFURIC ACID - (1994 AND AFTER	N	0	21,064	21,064	0	0	21,064	0	0	0	0	0	0
Total for RockTenn CP, LLC		0	401,141	401,141	101,245	0	502,386	0	0	198,683	198,683	5,477,628	5,045,065
Total for Above County : (45 reports)		540,232	3,752,780	4,293,012	101,245	170,104	4,564,361	1,200,000	321,724	900	1,533,886	324,458	15,649,068
ISLE OF WIGHT		GWALTNEY OF SMITHFIELD LTD (SMITHFIELD NORTH)						601 N CHURCH ST				NAICS Code 31161	
AMMONIA	N	0	0	0	0	0	0	0	0	70,063	70,063	771	771
HYDROGEN SULFIDE	N	35,811	0	35,811	0	0	35,811	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	447,242	447,242	1,237,224	1,237,224
SODIUM NITRITE	N	0	0	0	0	0	0	0	0	40,000	40,000	0	0
Total for GWALTNEY OF SMITHFIELD LTD (Smithfi		35,811	0	35,811	0	0	35,811	0	0	557,305	557,305	1,237,995	1,237,995
ISLE OF WIGHT		INTERNATIONAL PAPER FRANKLIN MILL						34040 UNION CAMP DR				NAICS Code 32211	
ACETALDEHYDE	N	760	5,994	6,754	0	64	6,818	14,408	0	2,048	16,456	0	3
AMMONIA	N	0	25,075	25,075	0	670	25,745	0	0	0	0	0	0
CATECHOL	N	0	0	0	0	4	4	0	0	749	749	0	1
CHLORINE	N	0	3,240	3,240	0	0	3,240	0	0	174,083	174,083	0	0
CHLORINE DIOXIDE	N	0	665	665	0	0	665	0	0	5,442,735	5,442,735	0	0
FORMIC ACID	N	0	0	0	0	0	0	0	0	625,991	625,991	0	0
HYDROCHLORIC ACID (1995 AND	N	0	35,640	35,640	0	0	35,640	0	0	0	0	0	0
HYDROGEN SULFIDE	N	74,183	20,123	94,306	0	77	94,383	71,476	0	749,719	821,195	0	0
MANGANESE COMPOUNDS	N	0	23	23	0	1,558	1,581	0	0	0	0	0	86,096
METHANOL	N	62,000	157,244	219,244	0	18	219,262	2,174,892	0	1,357,906	3,532,798	0	4,924

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
PHENOL	N	5	4,617	4,622	0	0	4,622	0	0	4,683	4,683	0	0
Total for INTERNATIONAL PAPER FRANKLIN MILL		136,948	252,621	389,569	0	2,391	391,960	2,260,776	0	8,357,914	10,618,690	0	91,024
Total for Above County : (15 reports)		172,759	252,621	425,380	0	2,391	427,771	2,260,776	0	8,915,219	11,175,995	1,237,995	1,329,019
JAMES CITY ANHEUSER-BUSCH INC								7801 POCAHONTAS TRAIL				NAICS Code 31212	
AMMONIA	N	6,402	78	6,480	0	0	6,480	0	0	0	0	1,837	1,871
Total for ANHEUSER-BUSCH INC		6,402	78	6,480	0	0	6,480	0	0	0	0	1,837	1,871
JAMES CITY BALL METAL BEVERAGE CONTAINER CORP								8935 POCAHONTAS TRAIL JAMES RIVER COMMERCE				NAICS Code 33243	
CERTAIN GLYCOL ETHERS	N	55,000	280,000	335,000	0	0	335,000	0	0	0	0	0	523
N-BUTYL ALCOHOL	N	23,000	100,000	123,000	0	0	123,000	0	0	0	0	0	215
SULFURIC ACID - (1994 AND AFTER	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for BALL METAL BEVERAGE CONTAINER C		78,000	380,000	458,000	0	0	458,000	0	0	0	0	0	738
Total for Above County : (4 reports)		84,402	380,078	464,480	0	0	464,480	0	0	0	0	1,837	2,609
KING GEORGE BIRCHWOOD POWER FACILITY								10900 BIRCHWOOD DR				NAICS Code 22111	
AMMONIA	N	75	172	247	0	0	247	0	0	255,661	255,661	0	1,127
BARIUM COMPOUNDS	N	0	9	9	0	0	9	0	0	0	0	0	16,746
CHROMIUM COMPOUNDS (EXCEPT	N	0	9	9	0	0	9	0	0	0	0	0	6,713
COPPER COMPOUNDS	N	0	17	17	0	0	17	0	0	0	0	0	5,020
HYDROCHLORIC ACID (1995 AND	N	0	3,904	3,904	0	0	3,904	0	0	353,215	353,215	0	0
HYDROGEN FLUORIDE	N	0	268	268	0	0	268	0	0	21,749	21,749	0	0
MANGANESE COMPOUNDS	N	0	16	16	0	0	16	0	0	0	0	0	1,949
NICKEL COMPOUNDS	N	0	13	13	0	0	13	0	0	0	0	0	3,089
SULFURIC ACID - (1994 AND AFTER	N	0	494	494	0	0	494	0	0	110,314	110,314	0	0

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Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
VANADIUM COMPOUNDS	N	0	19	19	0	0	19	0	0	0	0	0	14,505
ZINC COMPOUNDS	N	0	47	47	0	0	47	0	0	0	0	0	3,042
Total for BIRCHWOOD POWER FACILITY		76	4,968	5,043	0	0	5,043	0	0	740,939	740,939	0	52,191
KING GEORGE	KING GEORGE PLANT							13250 JAMES MADISON PARKWAY				NAICS Code	32732
NITRATE COMPOUNDS	N	7,334	0	7,334	0	0	7,334	0	0	0	0	0	0
Total for King George Plant		7,334	0	7,334	0	0	7,334	0	0	0	0	0	0
Total for Above County : (12 reports)		7,410	4,968	12,377	0	0	12,377	0	0	740,939	740,939	0	52,191
KING WILLIAM	ROCKTENN CP, LLC							1901 MAIN ST				NAICS Code	32211
ACETALDEHYDE	N	45	31,458	31,503	0	2,676	34,179	0	0	13,300	13,300	0	8
AMMONIA	N	250	115,000	115,250	0	7,856	123,106	0	0	255,000	255,000	0	0
BARIUM COMPOUNDS	N	0	1,240	1,240	0	0	1,240	0	0	0	0	0	65,900
CATECHOL	N	0	0	0	0	5	5	0	0	448	448	0	1
CHLORINE	N	5	0	5	0	0	5	0	0	108,799	108,799	0	0
CHLORINE DIOXIDE	N	5	6,930	6,935	0	0	6,935	0	0	46,300	46,300	0	0
FORMALDEHYDE	N	6	10,300	10,306	0	326	10,632	0	0	12,300	12,300	0	10
FORMIC ACID	N	0	0	0	0	855	855	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	74,966	74,966	0	0	74,966	0	0	323,000	323,000	0	0
HYDROGEN SULFIDE	N	1,188	39,884	41,072	0	0	41,072	0	0	228,000	228,000	0	136
MANGANESE COMPOUNDS	N	0	298	298	0	28,589	28,887	0	0	0	0	0	282,000
METHANOL	N	6,816	426,457	433,273	0	10,142	443,415	0	0	5,540,000	5,540,000	0	2,038
NAPHTHALENE	N	3	2,720	2,723	0	0	2,723	0	0	16	16	0	0
PHENOL	N	7	18,600	18,607	0	383	18,990	0	0	12,800	12,800	0	12
SULFURIC ACID - (1994 AND AFTER	N	0	105,638	105,638	0	0	105,638	0	0	0	0	0	0

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Appendix F

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Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
VANADIUM COMPOUNDS	N	0	207	207	0	271	478	0	0	0	0	0	14,200
ZINC COMPOUNDS	N	0	342	342	0	61	403	0	0	0	0	0	134,000
Total for ROCKTENN CP, LLC		8,324	834,040	842,365	0	51,164	893,529	0	0	6,539,962	6,539,962	0	498,306
Total for Above County : (17 reports)		8,324	834,040	842,365	0	51,164	893,529	0	0	6,539,962	6,539,962	0	498,306
LANCASTER		QUARLES TCH BULK PLANT						73 SEAFOOD LANE				NAICS Code 42471	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Quarles TCH Bulk Plant		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (6 reports)		0	0	0	0	0	0	0	0	0	0	0	0
LOUDOUN		ASIG FUELING OPERATIONS INTERNATIONAL AIRPORT DULLES						TANK FARM RD BUILDING 2				NAICS Code 48811	
1,2,4-TRIMETHYLBENZENE	N	109	0	109	0	0	109	0	0	0	0	0	0
ARSENIC	N	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	N	70	0	70	0	0	70	0	0	0	0	0	0
BERYLLIUM	N	0	0	0	0	0	0	0	0	0	0	0	0
CADMIUM	N	0	0	0	0	0	0	0	0	0	0	0	0
CHROMIUM	N	1	0	1	0	0	1	0	0	0	0	0	0
ETHYLBENZENE	N	70	0	70	0	0	70	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	N	653	0	653	0	0	653	0	0	0	0	0	0

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NAPHTHALENE	N	172	0	172	0	0	172	0	7,725	0	7,725	0	2,398
N-HEXANE	N	44	0	44	0	0	44	0	0	0	0	0	0
TOLUENE	N	314	0	314	0	0	314	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	312	0	312	0	0	312	0	0	0	0	0	0
Total for ASIG FUELING OPERATIONS INTERNATI		1,745	0	1,745	0	0	1,745	0	7,725	0	7,725	0	2,398
LOUDOUN DHS/FEMA/MT WEATHER EMERGENCY OPERATIONS CTR								19844 BLUE RIDGE MOUNTAIN RD				NAICS Code	92219
BENZENE	N	5	5	10	0	0	10	0	0	0	0	0	0
Total for DHS/FEMA/MT WEATHER EMERGENCY		5	5	10	0	0	10	0	0	0	0	0	0
LOUDOUN VIASYSTEMS NORTH AMERICA OPERATIONS, INC.								1200 SEVERN WAY				NAICS Code	33441
AMMONIA	N	350	5,755	6,105	0	0	6,105	0	0	0	0	3,571	13,492
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	774	174,130
FORMALDEHYDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	44,188	44,188
NITRIC ACID	N	5	5	10	0	0	10	0	0	44,901	44,901	0	0
SULFURIC ACID - (1994 AND AFTER	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Viasystems North America Operations, Inc.		355	5,760	6,115	0	0	6,115	0	0	44,901	44,901	48,533	231,810
Total for Above County : (19 reports)		2,105	5,765	7,870	0	0	7,870	0	7,725	44,901	52,626	48,533	234,208
LUNENBURG LANCASTER LEAF TOBACCO CO.-KENBRIDGE								205 W MAIN ST				NAICS Code	31221
NICOTINE AND SALTS	N	0	250	250	0	0	250	0	0	0	0	0	750
Total for Lancaster Leaf Tobacco Co.-Kenbridge		0	250	250	0	0	250	0	0	0	0	0	750
LUNENBURG VIRGINIA MARBLE MANUFACTURERS INC.								1201 FIFTH AVE				NAICS Code	32619
METHYL METHACRYLATE	N	0	6,261	6,261	0	0	6,261	0	0	0	0	0	0

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METHYL METHACRYLATE	N	0	7,477	7,477	0	0	7,477	0	0	0	0	0	0
STYRENE	N	0	36,347	36,347	0	0	36,347	0	0	0	0	0	0
STYRENE	N	0	45,425	45,425	0	0	45,425	0	0	0	0	0	0
Total for VIRGINIA MARBLE MANUFACTURERS IN		0	95,510	95,510	0	0	95,510	0	0	0	0	0	0
Total for Above County : (5 reports)		0	95,760	95,760	0	0	95,760	0	0	0	0	0	750
LYNCHBURG (CITY) BANKER STEEL COMPANY, LLC								1619 WYTHE RD				NAICS Code 33231	
CHROMIUM	N	5	5	10	0	5	15	0	0	0	0	0	7,972
MANGANESE	N	5	5	10	0	5	15	0	0	0	0	0	13,574
NICKEL	N	5	5	10	0	5	15	0	0	0	0	0	11,959
Total for Banker Steel Company, LLC		15	15	30	0	15	45	0	0	0	0	0	33,505
LYNCHBURG (CITY) C R HUDGINS PLATING INC								3600 CANDLERS MOUNTAIN RD				NAICS Code 33281	
ZINC COMPOUNDS	N	590	195	785	0	7	792	0	0	0	0	122	85
Total for C R HUDGINS PLATING INC		590	195	785	0	7	792	0	0	0	0	122	85
LYNCHBURG (CITY) DAVIS-FROST INC								3420 CANDLER'S MOUNTAIN RD				NAICS Code 32551	
CERTAIN GLYCOL ETHERS	N	635	0	635	0	0	635	0	0	0	0	0	0
TOLUENE	N	458	0	458	0	0	458	0	0	0	0	0	14,175
XYLENE (MIXED ISOMERS)	N	1,988	0	1,988	0	0	1,988	0	0	0	0	0	12,449
ZINC COMPOUNDS	N	312	0	312	0	0	312	0	0	0	0	0	0
Total for DAVIS-FROST INC		3,393	0	3,393	0	0	3,393	0	0	0	0	0	26,624
LYNCHBURG (CITY) GRIFFIN PIPE PRODUCTS CO								10 ADAMS ST				NAICS Code 33151	
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	3
MANGANESE COMPOUNDS	N	11	1,009	1,020	0	46	1,066	0	0	0	0	46	216,308

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ZINC COMPOUNDS	N	127	16,651	16,778	0	143	16,921	0	0	0	0	800	635,202
Total for GRIFFIN PIPE PRODUCTS CO		138	17,660	17,798	0	189	17,987	0	0	0	0	846	851,513
LYNCHBURG (CITY)		NORCRAFT COMPANIES						1 MILLRACE DR				NAICS Code	33711
TOLUENE	N	0	31,460	31,460	40	0	31,500	0	0	0	0	0	40
XYLENE (MIXED ISOMERS)	N	0	21,635	21,635	0	0	21,635	0	0	0	0	0	720
Total for NORCRAFT COMPANIES		0	53,095	53,095	40	0	53,135	0	0	0	0	0	760
LYNCHBURG (CITY)		R. R. DONNELLEY PRINTING CO						4201 MURRAY PL				NAICS Code	32311
BARIUM COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	8	9
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	62	962
TOLUENE	N	0	302,450	302,450	0	0	302,450	0	0	0	0	56	46,417
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	45	47
Total for R. R. DONNELLEY PRINTING CO		0	302,450	302,450	0	0	302,450	0	0	0	0	171	47,435
LYNCHBURG (CITY)		SLOCUM ADHESIVES CORP						1409 BUCHANAN ST				NAICS Code	32552
CYCLOHEXANE	N	466	0	466	0	0	466	0	0	0	0	0	0
DICHLOROMETHANE	N	27,485	0	27,485	0	0	27,485	0	0	0	0	0	0
N-HEXANE	N	12,763	0	12,763	0	0	12,763	0	0	0	0	0	0
TOLUENE	N	13,345	0	13,345	0	0	13,345	0	0	0	0	0	0
TRICHLOROETHYLENE	N	551	0	551	0	0	551	0	0	0	0	0	0
Total for SLOCUM ADHESIVES CORP		54,610	0	54,610	0	0	54,610	0	0	0	0	0	0
LYNCHBURG (CITY)		TRI TECH LABORATORIES, INC.						1000 ROBINS ROAD				NAICS Code	32562
DIETHANOLAMINE	N	10	10	20	0	0	20	0	0	0	0	785	785
Total for Tri Tech Laboratories, Inc.		10	10	20	0	0	20	0	0	0	0	785	785

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	form A*												
LYNCHBURG (CITY)	WESTOVER DAIRY							2801 FORT AVE				NAICS Code	31151
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	23,671	23,671
NITRIC ACID	N	0	0	0	0	0	0	0	0	24,113	24,113	60	60
Total for WESTOVER DAIRY		0	0	0	0	0	0	0	0	24,113	24,113	23,731	23,731
Total for Above County : (25 reports)		58,756	373,425	432,181	40	211	432,432	0	0	24,113	24,113	25,655	984,438
MANASSAS (CITY)	VERTIS							7619 DOANE DRIVE				NAICS Code	32311
CERTAIN GLYCOL ETHERS	N	3,607	117	3,724	0	0	3,724	0	0	8,274	8,274	17	17
Total for VERTIS		3,607	117	3,724	0	0	3,724	0	0	8,274	8,274	17	17
Total for Above County : (1 record)		3,607	117	3,724	0	0	3,724	0	0	8,274	8,274	17	17
MECKLENBURG	AMERICAN BUILDINGS COMPANY-LA CROSSE							501 GOLDEN EAGLE DR				NAICS Code	33231
MANGANESE	N	6	0	6	0	0	6	0	0	0	0	0	16,606
NICKEL	N	1	0	1	0	0	1	0	0	0	0	0	1,447
Total for AMERICAN BUILDINGS COMPANY-LA CR		7	0	7	0	0	7	0	0	0	0	0	18,053
MECKLENBURG	MECKLENBURG POWER STATION							204 COGEN DR				NAICS Code	22111
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	198	198	0	0	198	0	0	36,000	36,000	0	0
Total for MECKLENBURG POWER STATION		0	198	198	0	0	198	0	0	36,000	36,000	0	0
Total for Above County : (5 reports)		7	198	205	0	0	205	0	0	36,000	36,000	0	18,053
MONTGOMERY	ALLIANT TECHSYSTEMS INC. (NEW RIVER ENERGETICS)							RT 114 RADFORD ARMY AMMUNITION PLANT				NAICS Code	32592
DIPHENYLAMINE	N	0	0	0	0	0	0	0	0	0	0	1	2,388

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Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	32,568	56,639
NITROGLYCERIN	N	0	16,598	16,598	0	0	16,598	0	90,250	0	90,250	84,249	215,860
Total for ALLIANT TECHSYSTEMS INC. (NEW RIV		0	16,598	16,598	0	0	16,598	0	90,250	0	90,250	116,818	274,887
MONTGOMERY		BAE SYSTEMS, ORDNANCE SYSTEMS INC.						RADFORD ARMY AMMUNITION PLANT, 4050 NEEPE				NAICS Code	32592
AMMONIA	N	23,513	186	23,699	0	215	23,914	0	0	0	0	0	0
CHLORINE	N	0	0	0	0	0	0	0	0	3,271	3,271	0	0
DIBUTYL PHTHALATE	N	1	7	7	0	0	7	0	0	6,616	6,616	0	8,115
HYDROCHLORIC ACID (1995 AND	N	0	250,489	250,489	0	0	250,489	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	7,300,073	7,300,073	0	0	34,239	34,239	0	0
NITRIC ACID	N	692	623	1,315	0	0	1,315	0	38,885,615	7,392,794	46,278,409	0	0
NITROGLYCERIN	N	0	24,722	24,722	0	37,800	62,522	0	0	396,779	396,779	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	55,563	55,563	0	0	55,563	0	0	0	0	0	0
Total for BAE Systems, Ordnance Systems Inc.		24,206	331,589	355,795	0	7,338,088	7,693,883	0	38,885,615	7,833,699	46,719,314	0	8,115
MONTGOMERY		FEDERAL-MOGUL CORP						300 INDUSTRIAL PARK RD SE				NAICS Code	33635
ALUMINUM (FUME OR DUST)	N	4,141	8,286	12,427	0	0	12,427	0	0	0	0	0	253,681
AMMONIA	Y	0	0	0	0	0	0	0	0	0	0	0	0
COPPER	N	33	70	103	0	0	103	0	0	0	0	4	30,245
Total for FEDERAL-MOGUL CORP		4,174	8,356	12,530	0	0	12,530	0	0	0	0	4	283,926
MONTGOMERY		HUBBELL LIGHTING INC.						2000 ELECTRIC WAY				NAICS Code	33512
COPPER	N	0	0	0	0	0	0	0	0	0	0	1	2,147
NITRIC ACID	N	0	33	33	0	0	33	0	0	11,225	11,225	0	0
Total for HUBBELL LIGHTING INC.		0	33	33	0	0	33	0	0	11,225	11,225	1	2,147
MONTGOMERY		PROCHEM, INC						5100 ENTERPRISE DR				NAICS Code	32599

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
BARIUM COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
NITRIC ACID	N	0	0	0	0	0	0	0	0	0	0	0	0
PERACETIC ACID	N	0	0	0	0	0	0	0	0	0	0	0	0
SODIUM DIMETHYLDITHIOCARBA	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for PROCHEM, INC		0	0	0	0	0	0	0	0	0	0	0	0
MONTGOMERY		WOLVERINE ADVANCED MATERIALS						201 INDUSTRIAL PARK RD				NAICS Code	33281
METHYL ISOBUTYL KETONE	N	29	429	459	0	0	459	0	0	61,340	61,340	0	0
METHYL ISOBUTYL KETONE	N	36	1,267	1,303	0	0	1,303	0	0	372,457	372,457	0	0
TOLUENE	N	179	4,856	5,035	0	0	5,035	0	0	1,267,597	1,267,597	0	0
TOLUENE	N	109	930	1,039	0	0	1,039	0	0	132,840	132,840	0	0
ZINC COMPOUNDS	N	0	0	0	5	250	255	0	0	0	0	0	0
Total for WOLVERINE ADVANCED MATERIALS		354	7,482	7,836	5	250	8,091	0	0	1,834,234	1,834,234	0	0
Total for Above County : (25 reports)		28,734	364,059	392,792	5	7,338,338	7,731,135	0	38,975,865	9,679,158	48,655,023	116,823	569,074
NEWPORT NEWS (CITY)		CANON VIRGINIA INC						12000 CANON BLVD				NAICS Code	33411
CHLOROBENZENE	N	2,360	24	2,384	0	0	2,384	0	37,641	0	37,641	0	37,486
METHANOL	N	1,944	20	1,964	0	0	1,964	0	33,671	0	33,671	0	44,509
Total for CANON VIRGINIA INC		4,304	44	4,348	0	0	4,348	0	71,312	0	71,312	0	81,995
NEWPORT NEWS (CITY)		CONTINENTAL AUTOMOTIVE SYSTEMS, INC.						615 BLAND BLVD				NAICS Code	33631
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	81,555
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	4,798
Total for Continental Automotive Systems, Inc.		0	0	0	0	0	0	0	0	0	0	0	86,353
NEWPORT NEWS (CITY)		HUNTINGTON INGALLS INCORPORATED						4101 WASHINGTON AVE				NAICS Code	33661

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Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CHROMIUM	N	66	6	72	0	163	235	0	0	0	0	66	411
COPPER	N	612	16	628	0	308	936	0	0	0	0	543	4,355
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	73,646
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	0	0	0	0	15,045
MANGANESE	N	552	13	565	0	90	655	0	0	0	0	71	949
NAPHTHALENE	N	0	0	0	0	0	0	0	0	0	0	0	694
N-BUTYL ALCOHOL	N	54,944	253	55,196	0	0	55,196	0	0	0	0	28	2,259
NICKEL	N	189	6	195	0	163	358	0	0	0	0	182	903
SULFURIC ACID - (1994 AND AFTER	N	0	45,687	45,687	0	0	45,687	0	0	0	0	0	0
TRICHLOROETHYLENE	N	67	0	67	0	0	67	0	0	0	0	0	4,549
XYLENE (MIXED ISOMERS)	N	27,839	253	28,092	0	0	28,092	0	0	0	0	2	50,583
ZINC COMPOUNDS	N	31	0	31	0	2,779	2,810	0	0	0	0	335	1,428
Total for HUNTINGTON INGALLS INCORPORATED		84,300	46,234	130,534	0	3,503	134,037	0	0	0	0	1,228	154,823
NEWPORT NEWS (CITY) KINYO VIRGINIA INC								290 ENTERPRISE DR				NAICS Code 32629	
TOLUENE	N	70,400	30,600	101,000	0	0	101,000	0	0	0	0	0	20,880
Total for KINYO VIRGINIA INC		70,400	30,600	101,000	0	0	101,000	0	0	0	0	0	20,880
NEWPORT NEWS (CITY) MARVA MAID DAIRY								5500 CHESTNUT AVE				NAICS Code 31151	
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	14,348	0
NITRIC ACID	N	0	0	0	0	0	0	0	0	14,577	14,577	451	451
Total for MARVA MAID DAIRY		0	0	0	0	0	0	0	0	14,577	14,577	14,799	451
NEWPORT NEWS (CITY) MICA CO OF CANADA INC								900 JEFFERSON AVE				NAICS Code 32799	
METHANOL	N	250	46,327	46,577	0	0	46,577	0	0	0	0	0	0
TOLUENE	N	250	47,770	48,020	0	0	48,020	0	0	0	0	0	0

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Facility Name/Address							Total On-Site Releases					Total Other Off-Site Transfers **	
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	(pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	(pounds)
Total for MICA CO OF CANADA INC		500	94,097	94,597	0	0	94,597	0	0	0	0	0	0
Total for Above County : (21 reports)		159,504	170,975	330,479	0	3,503	333,982	0	71,312	14,577	85,889	16,027	344,502
NORFOLK (CITY)	BAE SYSTEMS NORFOLK SHIP REPAIR							750 W BERKLEY AVE				NAICS Code	33661
COPPER COMPOUNDS	N	626	0	626	0	103	729	0	0	0	0	147	4,904
N-BUTYL ALCOHOL	N	8,382	0	8,382	0	0	8,382	0	0	0	0	0	12,827
XYLENE (MIXED ISOMERS)	N	6,180	0	6,180	0	0	6,180	0	0	0	0	0	8,922
Total for BAE SYSTEMS NORFOLK SHIP REPAIR		15,188	0	15,188	0	103	15,291	0	0	0	0	147	26,653
NORFOLK (CITY)	CMC REBAR VIRGINIA							1344 BALENTINE BLVD				NAICS Code	33231
NICKEL COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CMC REBAR VIRGINIA		0	0	0	0	0	0	0	0	0	0	0	0
NORFOLK (CITY)	COLONNA'S SHIPYARD INC							400 E INDIAN RIVER RD				NAICS Code	33661
COPPER COMPOUNDS	N	3,953	0	3,953	0	0	3,953	0	0	0	0	327	0
N-BUTYL ALCOHOL	N	12,146	0	12,146	0	0	12,146	0	0	0	0	0	283
XYLENE (MIXED ISOMERS)	N	15,732	0	15,732	0	0	15,732	0	0	0	0	0	485
Total for COLONNA'S SHIPYARD INC		31,831	0	31,831	0	0	31,831	0	0	0	0	327	768
NORFOLK (CITY)	U.S. NAVY NAVAL STATION NORFOLK							1510 GILBERT ST				NAICS Code	92811
NAPHTHALENE	N	46	15	60	0	0	60	0	0	0	0	0	43,756
Total for U.S. NAVY NAVAL STATION NORFOLK		46	15	60	0	0	60	0	0	0	0	0	43,756
Total for Above County : (8 reports)		47,065	15	47,079	0	103	47,182	0	0	0	0	474	71,177
NORTHUMBERLAND	CARRY-ON TRAILER CORP							617 HARRY HOGAN RD				NAICS Code	33621
MANGANESE	N	38	0	38	0	0	38	0	0	0	0	0	265

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Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for CARRY-ON TRAILER CORP		38	0	38	0	0	38	0	0	0	0	0	265
NORTHUMBERLAND	OMEGA PROTEIN INC.							610 MENHADEN RD				NAICS Code	31171
NITRIC ACID	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for OMEGA PROTEIN INC.		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (2 reports)		38	0	38	0	0	38	0	0	0	0	0	265
NOTTOWAY	COX WOOD OF VIRGINIA (FORMERLY TAYLOR RAMSEY WD PRESE							2960 COX RD				NAICS Code	32111
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Cox Wood of Virginia (Formerly Taylor Ram		0	0	0	0	0	0	0	0	0	0	0	0
NOTTOWAY	TYSON FOODS INC. - FEED MILL							1938 PATRICK HENRY HWY				NAICS Code	31111
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for TYSON FOODS INC. - FEED MILL		0	0	0	0	0	0	0	0	0	0	0	0
NOTTOWAY	US ARMY NATIONAL GUARD FORT PICKETT (RANGE)							USPFO, BUILDING 316, FORT PICKETT				NAICS Code	92811
COPPER	N	0	0	0	86,259	0	86,259	0	0	0	0	0	0
NITROGLYCERIN	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for US ARMY NATIONAL GUARD FORT PICK		0	0	0	86,259	0	86,259	0	0	0	0	0	0
Total for Above County : (6 reports)		0	0	0	86,259	0	86,259	0	0	0	0	0	0
PATRICK	MICROMETRICS SYSTEM							225 JEB STUART HWY				NAICS Code	33271
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MICROMETRICS SYSTEM		0	0	0	0	0	0	0	0	0	0	0	0

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	form A*												
Total for Above County : (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
PETERSBURG (CITY)	AMSTED RAIL COMPANY INC.							2580 FRONTAGE RD				NAICS Code 33211	
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	6	172,531
COPPER	N	0	0	0	0	0	0	0	0	0	0	14	94,362
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	271,246
NICKEL	N	0	1	1	0	0	1	0	0	0	0	66	173,278
Total for Amsted Rail Company Inc.		0	1	1	0	0	1	0	0	0	0	86	711,417
PETERSBURG (CITY)	BLEACHTECH LLC							2020 BESSEMER RD				NAICS Code 32518	
CHLORINE	N	0	322	322	0	0	322	0	0	0	0	0	0
Total for BLEACHTECH LLC		0	322	322	0	0	322	0	0	0	0	0	0
PETERSBURG (CITY)	BOEHRINGER INGELHEIM CHEMICALS INC							2820 N NORMANDY RD				NAICS Code 32541	
ACETONITRILE	N	95	144	239	0	0	239	0	0	66,235	66,235	0	243,612
AMMONIA	N	0	0	0	0	0	0	0	0	30,000	30,000	49,000	49,179
CERTAIN GLYCOL ETHERS	N	0	0	0	0	0	0	0	0	1,494	1,494	3,286	652,088
CYCLOHEXANE	N	0	0	0	0	0	0	0	0	0	0	0	8,782
DICHLOROMETHANE	N	313	132	445	0	0	445	0	0	4,395	4,395	0	2,041
ETHYL ACRYLATE	N	0	0	0	0	0	0	0	0	0	0	0	18
ETHYLENE GLYCOL	N	173	240	413	0	0	413	0	363,461	69,794	433,255	0	324,479
FORMIC ACID	N	0	0	0	0	0	0	0	0	0	0	0	32
METHANOL	N	1,625	591	2,216	0	0	2,216	0	0	1,446,598	1,446,598	0	2,038,717
METHYL TERT-BUTYL ETHER	N	633	1,590	2,223	0	0	2,223	0	0	57,660	57,660	1,684	13,158
NICOTINE AND SALTS	N	0	0	0	0	0	0	0	0	0	0	0	0

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2012 Toxics Release Inventory

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Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
TOLUENE	N	1,810	495	2,305	0	0	2,305	0	0	18,351	18,351	0	327,486
TRIETHYLAMINE	N	173	0	173	0	0	173	0	0	2,564	2,564	49	4,122
Total for BOEHRINGER INGELHEIM CHEMICALS I		4,822	3,192	8,014	0	0	8,014	0	363,461	1,697,091	2,060,552	54,019	3,663,714
PETERSBURG (CITY) PRE CON INC								220 S PERRY ST				NAICS Code 31332	
CYCLOHEXANE	N	2,205	9,805	12,010	0	0	12,010	0	0	196,108	196,108	0	218,051
Total for PRE CON INC		2,205	9,805	12,010	0	0	12,010	0	0	196,108	196,108	0	218,051
PETERSBURG (CITY) VALMONT - VIRGINIA GALVANIZING INC.								3535 HALIFAX RD				NAICS Code 33281	
ZINC COMPOUNDS	N	780	0	780	0	0	780	0	0	0	0	0	92,000
Total for VALMONT - VIRGINIA GALVANIZING INC.		780	0	780	0	0	780	0	0	0	0	0	92,000
Total for Above County : (20 reports)		7,807	13,321	21,128	0	0	21,128	0	363,461	1,893,199	2,256,660	54,105	4,685,182
PITTSYLVANIA CCP COMPOSITES US LLC								920 TIGHTSQUEEZE INDUSTRIAL RD				NAICS Code 32521	
DICYCLOPENTADIENE	N	1,200	3	1,203	0	0	1,203	0	0	0	0	0	25,250
ETHYLENE GLYCOL	N	2,200	0	2,200	0	0	2,200	0	0	0	0	0	31,623
MALEIC ANHYDRIDE	N	1,600	406	2,006	0	0	2,006	0	0	0	0	0	155
PHTHALIC ANHYDRIDE	N	870	310	1,180	0	0	1,180	0	0	0	0	0	155
STYRENE	N	8,900	50	8,950	0	0	8,950	0	0	0	0	0	15,130
TRIETHYLAMINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CCP COMPOSITES US LLC		14,770	769	15,539	0	0	15,539	0	0	0	0	0	72,313
PITTSYLVANIA COLUMBIA FOREST PRODUCTS								100 PAUL RD SW				NAICS Code 32121	
CERTAIN GLYCOL ETHERS	N	11,349	0	11,349	0	0	11,349	0	0	0	0	0	0
Total for COLUMBIA FOREST PRODUCTS		11,349	0	11,349	0	0	11,349	0	0	0	0	0	0
PITTSYLVANIA DANCHEM TECHNOLOGIES INC.								1975 OLD RICHMOND RD				NAICS Code 32521	

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
ACRYLIC ACID	N	4	25	29	0	0	29	0	0	0	0	0	4
ACRYLONITRILE	N	20	128	149	0	0	149	0	0	0	0	0	640
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	1,864	0
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	6	0
CYCLOHEXANE	N	139	3,258	3,397	0	0	3,397	0	0	0	0	0	1,824
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	940
ETHYLENE GLYCOL	N	98	5	103	0	0	103	0	0	0	0	0	17,232
MALEIC ANHYDRIDE	N	149	2	151	0	0	151	0	0	0	0	0	2,911
METHANOL	N	980	963	1,942	0	0	1,942	0	0	0	0	0	13,100
METHYL METHACRYLATE	N	391	177	568	0	0	568	0	0	0	0	0	0
N-BUTYL ALCOHOL	N	4,140	21,126	25,266	0	0	25,266	0	1,140,806	987,951	2,128,757	0	156,782
NITRIC ACID	N	0	0	0	0	0	0	0	0	0	0	0	1,069
PHENOL	N	0	1	1	0	0	1	0	0	0	0	18	640
TOLUENE	N	2,616	2,723	5,339	0	0	5,339	0	0	31,291	31,291	0	2,651
VINYL ACETATE	N	477	980	1,457	0	0	1,457	0	0	0	0	0	2,776
XYLENE (MIXED ISOMERS)	N	3,206	2,347	5,554	0	0	5,554	0	0	0	0	0	34,862
Total for DANCHEM TECHNOLOGIES INC.		12,221	31,733	43,954	0	0	43,954	0	1,140,806	1,019,242	2,160,048	1,888	235,431
PITTSYLVANIA ELKAY WOOD PRODUCTS COMPANY								2000 CANE CREEK PARKWAY				NAICS Code	33711
TOLUENE	N	2,094	6,280	8,374	0	0	8,374	0	0	0	0	0	4,642
XYLENE (MIXED ISOMERS)	N	6,111	18,331	24,442	0	0	24,442	0	0	0	0	0	15,091
Total for Elkay Wood Products Company		8,205	24,611	32,816	0	0	32,816	0	0	0	0	0	19,733
PITTSYLVANIA INTERTAPE POLYMER CORP								1101 EAGLE SPRINGS RD				NAICS Code	32611
TOLUENE	N	12,333	141,827	154,160	0	0	154,160	0	1,936,910	0	1,936,910	0	0

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
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Chemical Name	form A*												
Total for INTERTAPE POLYMER CORP		12,333	141,827	154,160	0	0	154,160	0	1,936,910	0	1,936,910	0	0
PITTSYLVANIA	JTI LEAF SERVICES (US) LLC							202 STINSON DRIVE				NAICS Code	31221
AMMONIA	N	880	3,554	4,434	0	0	4,434	0	0	0	0	1,033	1,741
NICOTINE AND SALTS	N	14,660	31,780	46,440	0	0	46,440	0	0	0	0	3,454	5,825
Total for JTI Leaf Services (US) LLC		15,540	35,334	50,874	0	0	50,874	0	0	0	0	4,487	7,566
PITTSYLVANIA	SARTOMER USA, LLC							601 TIGHTSQUEEZE INDUSTRIAL RD				NAICS Code	32521
ACRYLIC ACID	N	250	250	500	0	0	500	0	0	340,000	340,000	0	0
BUTYL ACRYLATE	N	250	250	500	0	0	500	0	0	450	450	0	1,000
CERTAIN GLYCOL ETHERS	N	5	5	10	0	0	10	0	0	140	140	0	1,255
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	N	250	250	500	0	0	500	0	0	1,100	1,100	0	10,250
HYDROQUINONE	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHYL METHACRYLATE	N	250	5	255	0	0	255	0	0	170	170	0	1,250
PHTHALIC ANHYDRIDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	N	2,800	1,100	3,900	0	0	3,900	0	1,600,000	39,000	1,639,000	0	530,250
TOLUENE DIISOCYANATE (MIXED	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	750	250	1,000	0	0	1,000	0	0	4,400	4,400	0	41,000
Total for SARTOMER USA, LLC		4,555	2,110	6,665	0	0	6,665	0	1,600,000	385,260	1,985,260	0	585,005
Total for Above County : (39 reports)		78,973	236,384	315,357	0	0	315,357	0	4,677,716	1,404,502	6,082,218	6,375	920,048
PORTSMOUTH (CITY)	U.S. AMINES (PORTSMOUTH) LLC							3230 W NORFOLK RD				NAICS Code	32519
1,2-DICHLOROETHANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
3-CHLORO-2-METHYL-1-PROPENE	N	51	1	52	0	0	52	0	0	35	35	0	0

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ALLYL CHLORIDE	N	119	6	125	0	0	125	0	0	300	300	0	0
ALLYLAMINE	N	117	1,280	1,397	0	0	1,397	0	0	62,720	62,720	0	0
AMMONIA	N	34	0	34	0	0	34	0	0	0	0	3	3
Total for U.S. AMINES (Portsmouth) LLC		321	1,287	1,608	0	0	1,608	0	0	63,055	63,055	3	3
PORTSMOUTH (CITY) U.S. NAVY NORFOLK NAVAL SHIPYARD								INTERSECTION OF EFFINGHAM ST & GEORGETOWN				NAICS Code	92811
XYLENE (MIXED ISOMERS)	N	4,600	1,800	6,400	0	0	6,400	0	0	0	0	12	3,964
Total for U.S. NAVY NORFOLK NAVAL SHIPYARD		4,600	1,800	6,400	0	0	6,400	0	0	0	0	12	3,964
PORTSMOUTH (CITY) US NAVY DEFENSE FUEL SUPPORT POINT CRANEY ISLAND								4501 CEDAR LN BLDG 288				NAICS Code	92811
NAPHTHALENE	N	19	632	651	0	0	651	0	143,544	44	143,588	0	63,860
Total for US NAVY DEFENSE FUEL SUPPORT POI		19	632	651	0	0	651	0	143,544	44	143,588	0	63,860
Total for Above County : (7 reports)		4,940	3,719	8,659	0	0	8,659	0	143,544	63,099	206,643	15	67,827
PRINCE EDWARD CMC REBAR VIRGINIA								300 SMI WAY				NAICS Code	33231
NICKEL COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CMC REBAR VIRGINIA		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (1 record)		0	0	0	0	0	0	0	0	0	0	0	0
PRINCE GEORGE METL-SPAN, A DIVISION OF NCI GROUP, INC.								6001 QUALITY WAY				NAICS Code	33231
DIISOCYANATES	N	2	0	2	0	0	2	0	0	0	0	0	0
Total for METL-SPAN, A DIVISION OF NCI GROUP,		2	0	2	0	0	2	0	0	0	0	0	0
Total for Above County : (1 record)		2	0	2	0	0	2	0	0	0	0	0	0
PRINCE WILLIAM MICRON TECHNOLOGY INC.								9600 GODWIN DR				NAICS Code	33441
AMMONIA	N	500	9,500	10,000	0	0	10,000	0	0	0	0	44,000	44,000

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HYDROGEN FLUORIDE	N	0	6,000	6,000	0	0	6,000	0	0	730,000	730,000	0	640
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	89,000	89,001
NITRIC ACID	N	0	90	90	0	0	90	0	0	89,700	89,700	0	640
OZONE	N	0	130	130	0	0	130	0	0	130,000	130,000	0	0
PROPYLENE	N	0	160	160	0	0	160	0	0	0	0	0	0
Total for MICRON TECHNOLOGY INC.		500	15,880	16,380	0	0	16,380	0	0	949,700	949,700	133,000	134,281
PRINCE WILLIAM POSSUM POINT POWER STATION								19000 POSSUM POINT RD				NAICS Code	22111
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	117,000	117,000	0	25,000	142,000	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	N	0	3,780	3,780	0	0	3,780	0	0	0	0	0	0
Total for POSSUM POINT POWER STATION		0	120,780	120,780	0	25,000	145,780	0	0	0	0	0	0
PRINCE WILLIAM QUARLES PETROLEUM INC. MANASSAS BULK PLANT								8001 WELLINGFORD DR				NAICS Code	42471
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
BENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM INC. MANASSAS		0	0	0	0	0	0	0	0	0	0	0	0
PRINCE WILLIAM SAFETY-KLEEN SYSTEMS (205801)								11520 BALLS FORD RD				NAICS Code	56211
ETHYLENE GLYCOL	N	15	2	17	0	0	17	0	0	0	0	0	221,051
Total for SAFETY-KLEEN SYSTEMS (205801)		15	2	17	0	0	17	0	0	0	0	0	221,051

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Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	form A*												
PRINCE WILLIAM	U.S. MARINE CORPS BASE QUANTICO							3250 CATLIN AVE				NAICS Code	92811
1,2,4-TRIMETHYLBENZENE	N	10	3	13	0	0	13	0	0	0	0	0	0
ACETALDEHYDE	N	1	0	1	0	0	1	0	0	0	0	0	0
BENZENE	N	1	0	1	0	0	1	0	0	0	0	0	0
COPPER	N	0	0	0	35,000	0	35,000	0	0	0	0	0	0
METHYL TERT-BUTYL ETHER	N	63	170	233	0	0	233	0	0	0	0	0	0
N-HEXANE	N	1	0	1	0	0	1	0	0	0	0	0	0
TOLUENE	N	2	0	2	0	0	2	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	410	19	429	0	0	429	0	0	0	0	0	18
Total for U.S. MARINE CORPS BASE QUANTICO		488	192	680	35,000	0	35,680	0	0	0	0	0	18
Total for Above County : (25 reports)		1,003	136,854	137,857	35,000	25,000	197,857	0	0	949,700	949,700	133,000	355,350
PULASKI	BONDCOTE CORP							509 BURGIS AVE				NAICS Code	31332
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	3,562
BARIUM COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	2,338
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	0	0	0	0	0	0	0	445
DIBUTYL PHTHALATE	N	0	0	0	0	0	0	0	0	0	0	0	4,341
Total for BONDCOTE CORP		0	0	0	0	0	0	0	0	0	0	0	10,686
PULASKI	CATERPILLAR GLOBAL MINING AMERICA							4041 WURNO ROAD				NAICS Code	33313
MANGANESE	N	19	0	19	0	0	19	0	0	0	0	0	0
Total for Caterpillar Global Mining America		19	0	19	0	0	19	0	0	0	0	0	0
PULASKI	CONN-WELD IND INC							NEW BERN RD STATE RD 682				NAICS Code	33313
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	0

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for CONN-WELD IND INC		0	0	0	0	0	0	0	0	0	0	0	0
PULASKI		ELECTROPLATE-RITE CORP						5529 LEE HWY				NAICS Code	33281
ZINC COMPOUNDS	N	121	181	302	0	0	302	0	0	0	0	2	0
Total for ELECTROPLATE-RITE CORP		121	181	302	0	0	302	0	0	0	0	2	0
PULASKI		JAMES HARDIE BUILDING PRODUCTS PULASKI						1000 JAMES HARDIE WAY				NAICS Code	32739
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	0	0	0	0	0	0	0	97
COPPER	N	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	5
Total for JAMES HARDIE BUILDING PRODUCTS P		0	0	0	0	0	0	0	0	0	0	0	102
PULASKI		MAR-BAL, INC.						5400 RESERVE WAY				NAICS Code	32619
STYRENE	N	3,385	0	3,385	0	0	3,385	0	0	0	0	0	250
Total for MAR-BAL, INC.		3,385	0	3,385	0	0	3,385	0	0	0	0	0	250
PULASKI		TRIM SYSTEMS						320 NEWBERN RD				NAICS Code	33636
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for TRIM SYSTEMS		0	0	0	0	0	0	0	0	0	0	0	0
PULASKI		VOLVO GROUP NORTH AMERICA, LLC						4881 COUGAR TRAIL ROAD				NAICS Code	33612
DIISOCYANATES	N	0	11	11	0	0	11	0	0	0	0	5	1,220
ETHYLENE GLYCOL	N	1	10	11	0	0	11	0	0	11	11	0	15,225
METHANOL	N	344	4	348	0	0	348	0	0	3	3	0	222
Total for VOLVO GROUP NORTH AMERICA, LLC		345	25	370	0	0	370	0	0	14	14	5	16,667
Total for Above County : (16 reports)		3,870	206	4,076	0	0	4,076	0	0	14	14	7	27,705

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Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air	Stack Air	Total Air	Land	Water	Total On-Site Releases	Energy Recovery	Recycling	Treatment	Total On-Site Management	POTW	Total Other Off-Site Transfers **
Chemical Name	form A*	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)
RADFORD (CITY) GREDE-RADFORD, LLC								1701 WEST MAIN STREET				NAICS Code	33151
COPPER COMPOUNDS	N	0	3	3	0	1	4	0	0	0	0	0	331
DIISOCYANATES	N	0	26	26	0	0	26	0	0	0	0	0	62
MANGANESE COMPOUNDS	N	0	24	24	0	0	24	0	0	0	0	0	62,659
NICKEL	N	0	1	1	0	0	1	0	0	0	0	0	148
PHENOL	N	90	105	195	0	0	195	0	0	0	0	0	296
TRIETHYLAMINE	N	0	517	517	0	0	517	0	0	0	0	0	16,714
ZINC COMPOUNDS	N	0	218	218	0	5	223	0	0	0	0	0	113
Total for Grede-Radford, LLC		90	894	984	0	6	990	0	0	0	0	0	80,323
Total for Above County : (7 reports)		90	894	984	0	6	990	0	0	0	0	0	80,323
RICHMOND MONDELEZ GLOBAL LLC								6002 S LABURNUM AVE				NAICS Code	31182
AMMONIA	N	0	126,401	126,401	0	0	126,401	0	0	0	0	0	0
Total for Mondelez Global LLC		0	126,401	126,401	0	0	126,401	0	0	0	0	0	0
RICHMOND WOOD PRESERVERS INC								15939 HISTORY LAND HWY				NAICS Code	32111
ARSENIC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	5
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	0	0	0	0	0	0	0	8
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	17
CREOSOTE	N	0	0	0	0	0	0	0	0	0	0	0	0
STYRENE	N	157	3,002	3,159	0	0	3,159	0	0	0	0	0	0
Total for WOOD PRESERVERS INC		157	3,002	3,159	0	0	3,159	0	0	0	0	0	30
Total for Above County : (6 reports)		157	129,403	129,560	0	0	129,560	0	0	0	0	0	30
RICHMOND (CITY) BELLEMEADE POWER STATION								1860 COMMERCE RD				NAICS Code	22111

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Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
AMMONIA	N	0	89,000	89,000	0	0	89,000	0	0	0	0	0	0
Total for BELLEMEADE POWER STATION		0	89,000	89,000	0	0	89,000	0	0	0	0	0	0
RICHMOND (CITY)		CARPENTER CO RICHMOND PLANT						2400 JEFFERSON DAVIS HWY				NAICS Code	32615
1,3-PHENYLENEDIAMINE	N	0	0	0	0	0	0	0	0	0	0	0	0
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	33,296
ETHYLENE GLYCOL	N	95	945	1,040	0	0	1,040	0	0	0	0	0	0
TOLUENE DIISOCYANATE (MIXED	N	250	750	1,000	0	0	1,000	0	0	0	0	0	17,480
Total for CARPENTER CO RICHMOND PLANT		345	1,695	2,040	0	0	2,040	0	0	0	0	0	50,776
RICHMOND (CITY)		KINDER MORGAN TRANSMIX COMPANY, LLC						3302 DEEPWATER TERMINAL RD				NAICS Code	42471
1,2,4-TRIMETHYLBENZENE	N	433	1	434	0	0	434	0	0	46	46	0	78
BENZENE	N	84	48	133	0	0	133	0	0	2,214	2,214	0	36
ETHYLBENZENE	N	13	3	16	0	0	16	0	0	138	138	0	28
N-HEXANE	N	66	148	214	0	0	214	0	0	2,030	2,030	0	0
TOLUENE	N	143	51	194	0	0	194	0	0	2,352	2,352	0	141
XYLENE (MIXED ISOMERS)	N	156	14	170	0	0	170	0	0	646	646	0	148
Total for Kinder Morgan Transmix Company, LLC		895	266	1,161	0	0	1,161	0	0	7,426	7,426	0	430
RICHMOND (CITY)		LAND-O-SUN DAIRIES LLC (DBA PET DAIRY) RICHMOND						1505 ROBINHOOD RD				NAICS Code	31151
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	44,800	44,800
NITRIC ACID	N	0	0	0	0	0	0	0	0	45,520	45,520	9,320	9,320
Total for LAND-O-SUN DAIRIES LLC (DBA PET DAI		0	0	0	0	0	0	0	0	45,520	45,520	54,120	54,120
RICHMOND (CITY)		PHILIP MORRIS USA COMMERCE ROAD SITE						3601 COMMERCE RD				NAICS Code	31222
AMMONIA	N	195	19,497	19,692	0	0	19,692	0	0	5,689	5,689	1,447	1,452
HYDROCHLORIC ACID (1995 AND	N	0	110,625	110,625	0	0	110,625	0	0	0	0	0	0

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
NICOTINE AND SALTS	N	127	12,694	12,821	0	0	12,821	0	0	120,512	120,512	49,191	154,304
ZINC COMPOUNDS	N	15	390,706	390,721	0	0	390,721	0	0	0	0	0	15,272
Total for PHILIP MORRIS USA COMMERCE ROAD		337	533,522	533,859	0	0	533,859	0	0	126,201	126,201	50,638	171,028
RICHMOND (CITY)								301 HULL ST				NAICS Code	32551
N-BUTYL ALCOHOL	N	710	0	710	0	0	710	0	0	0	0	0	117
TOLUENE	N	772	0	772	0	0	772	0	0	0	0	0	127
XYLENE (MIXED ISOMERS)	N	927	0	927	0	0	927	0	0	0	0	0	153
Total for SAMPSON COATINGS INC.		2,409	0	2,409	0	0	2,409	0	0	0	0	0	397
RICHMOND (CITY)								5001 COMMERCE RD				NAICS Code	22111
ALUMINUM OXIDE (FIBROUS FOR	N	508	0	508	0	0	508	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	42,215	42,215	0	0	42,215	0	0	391,540	391,540	0	0
HYDROGEN FLUORIDE	N	0	5,277	5,277	0	0	5,277	0	0	48,942	48,942	0	0
SULFURIC ACID - (1994 AND AFTER	N	43	168	211	0	0	211	0	0	145,935	145,935	0	0
ZINC COMPOUNDS	N	4	21	25	0	588	613	0	0	0	0	0	0
Total for SPRUANCE GENCO LLC		555	47,681	48,236	0	588	48,824	0	0	586,417	586,417	0	0
Total for Above County : (25 reports)		4,541	672,163	676,704	0	588	677,292	0	0	765,564	765,564	104,758	276,751
ROANOKE								1140 INDUSTRY AVE SE PO BOX 13847				NAICS Code	42469
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	Y	0	0	0	0	0	0	0	0	0	0	0	0
BUTYL ACRYLATE	Y	0	0	0	0	0	0	0	0	0	0	0	0
CYCLOHEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
ETHYLENE GLYCOL	Y	0	0	0	0	0	0	0	0	0	0	0	0

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FORMALDEHYDE	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	N	351	366	717	0	0	717	0	0	0	0	0	0
METHYL ISOBUTYL KETONE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-BUTYL ALCOHOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
NITRIC ACID	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-METHYL-2-PYRROLIDONE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	N	111	220	331	0	0	331	0	0	0	0	0	0
TRICHLOROETHYLENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CHEMSOLV INC		462	586	1,048	0	0	1,048	0	0	0	0	0	0
ROANOKE		EXELIS, INC - NIGHT VISION						7635 PLANTATION RD				NAICS Code	33451
NITRIC ACID	N	0	0	0	0	0	0	0	0	11,000	11,000	0	0
Total for EXELIS, INC - NIGHT VISION		0	0	0	0	0	0	0	0	11,000	11,000	0	0
ROANOKE		GRAHAM-WHITE MANUFACTURING CO.						1242 COLORADO ST				NAICS Code	33651
COPPER	N	83	0	83	0	0	83	0	0	0	0	0	36,186
Total for GRAHAM-WHITE MANUFACTURING CO.		83	0	83	0	0	83	0	0	0	0	0	36,186
ROANOKE		KIK (VIRGINIA) LLC						27 MILL LN				NAICS Code	32561
CHLORINE	N	1	0	1	0	0	1	0	0	0	0	0	0
Total for KIK (VIRGINIA) LLC		1	0	1	0	0	1	0	0	0	0	0	0
ROANOKE		KOPPERS INC. (ROANOKE, VA)						RT. 460				NAICS Code	32111
CREOSOTE	N	1,800	4,400	6,200	0	1	6,201	0	2,000,000	50	2,000,050	0	65,000
Total for KOPPERS INC. (Roanoke, VA)		1,800	4,400	6,200	0	1	6,201	0	2,000,000	50	2,000,050	0	65,000

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ROANOKE		MARATHON PETROLEUM COMPANY - ROANOKE VA TERMINAL						5287 TERMINAL RD				NAICS Code	42471
1,2,4-TRIMETHYLBENZENE	N	210	1	211	0	0	211	0	0	28,000	28,000	0	6
BENZENE	N	130	560	690	0	0	690	0	0	18,000	18,000	0	0
ETHYLBENZENE	N	210	63	273	0	0	273	0	0	12,000	12,000	0	7
NAPHTHALENE	N	0	6	6	0	0	6	0	0	2,800	2,800	0	0
N-HEXANE	N	230	990	1,220	0	0	1,220	0	0	14,000	14,000	0	0
TOLUENE	N	190	810	1,000	0	0	1,000	0	0	74,000	74,000	1	102
XYLENE (MIXED ISOMERS)	N	1,200	320	1,520	0	0	1,520	0	0	55,000	55,000	0	33
Total for MARATHON PETROLEUM COMPANY - R		2,170	2,750	4,920	0	0	4,920	0	0	203,800	203,800	1	148
ROANOKE		MEDECO SECURITY LOCKS INC.						3625 ALLEGHENY DR				NAICS Code	33251
COPPER COMPOUNDS	N	0	0	0	0	10	10	0	0	0	0	4	588,331
NICKEL COMPOUNDS	N	0	0	0	0	8	8	0	0	0	0	2	968
ZINC COMPOUNDS	N	0	1	1	0	10	11	0	0	0	0	2	324,711
Total for MEDECO SECURITY LOCKS INC.		0	1	1	0	28	29	0	0	0	0	8	914,010
ROANOKE		MENNEL MILLING CO OF VIRGINIA						5185 BENOIS RD				NAICS Code	31121
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MENNEL MILLING CO OF VIRGINIA		0	0	0	0	0	0	0	0	0	0	0	0
ROANOKE		NEW MILLENNIUM BUILDING SYSTEMS						100 DIUGUIDS LANE				NAICS Code	33231
MANGANESE	N	112	0	112	0	0	112	0	0	0	0	0	38,354
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	6,930
Total for NEW MILLENNIUM BUILDING SYSTEMS		112	0	112	0	0	112	0	0	0	0	0	45,284
ROANOKE		NOBLE-MET LLC (DBA ACCELLENT)						200 S YORKSHIRE ST				NAICS Code	33299

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2012 Toxics Release Inventory

Appendix F

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COPPER	N	0	0	0	0	0	0	0	0	0	0	0	28,130
NITRIC ACID	N	0	0	0	0	0	0	0	0	17,428	17,428	0	0
Total for Noble-Met LLC (dba Accellent)		0	0	0	0	0	0	0	0	17,428	17,428	0	28,130
ROANOKE		SAFETY-KLEEN SYSTEMS (315501)						16090 STEWARTSVILLE RD				NAICS Code 56211	
ETHYLENE GLYCOL	N	9	3	12	0	0	12	0	0	0	0	0	128,531
Total for SAFETY-KLEEN SYSTEMS (315501)		9	3	12	0	0	12	0	0	0	0	0	128,531
ROANOKE		SEMCO DUCTS & ACOUSTICAL PRODUCTS INC						1967 BLUE HILLS DR NE				NAICS Code 33232	
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	4,097
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	11,781
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	4,780
Total for SEMCO DUCTS & ACOUSTICAL PRODUC		0	0	0	0	0	0	0	0	0	0	0	20,658
ROANOKE		TECTON PRODUCTS LLC						5415 CORPORATE CIR				NAICS Code 32619	
STYRENE	N	750	250	1,000	0	0	1,000	0	0	21,614	21,614	0	1,105
Total for TECTON PRODUCTS LLC		750	250	1,000	0	0	1,000	0	0	21,614	21,614	0	1,105
ROANOKE		VIRGINIA TRANSFORMER CORP.						220 GLADE VIEW DR NE				NAICS Code 33531	
XYLENE (MIXED ISOMERS)	N	7,981	1,779	9,760	0	0	9,760	0	1,375	0	1,375	0	0
Total for VIRGINIA TRANSFORMER CORP.		7,981	1,779	9,760	0	0	9,760	0	1,375	0	1,375	0	0
ROANOKE		YOKOHAMA TIRE CORP						1500 INDIANA ST				NAICS Code 32621	
COBALT COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	479
ZINC COMPOUNDS	N	5,486	0	5,486	0	0	5,486	0	0	0	0	70	42,454
Total for YOKOHAMA TIRE CORP		5,486	0	5,486	0	0	5,486	0	0	0	0	70	42,933
Total for Above County : (41 reports)		18,854	9,769	28,623	0	29	28,652	0	2,001,375	253,892	2,255,267	79	1,281,985

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ROANOKE (CITY)	AKZO NOBEL COATINGS INC							2837 ROANOKE AVE SW				NAICS Code	32551
1,2,4-TRIMETHYLBENZENE	N	268	0	268	0	0	268	0	816	0	816	0	2,106
ETHYLBENZENE	N	1,324	23	1,347	0	0	1,347	0	489	0	489	0	1,264
METHANOL	N	1,369	266	1,635	0	0	1,635	0	1,632	0	1,632	0	4,213
METHYL ISOBUTYL KETONE	N	409	0	409	0	0	409	0	816	0	816	0	2,106
N-BUTYL ALCOHOL	N	898	0	898	0	0	898	0	2,122	0	2,122	0	5,477
TOLUENE	N	2,682	96	2,778	0	0	2,778	0	3,428	0	3,428	0	8,849
XYLENE (MIXED ISOMERS)	N	5,583	49	5,632	0	0	5,632	0	5,060	0	5,060	0	13,062
Total for AKZO NOBEL COATINGS INC		12,533	434	12,967	0	0	12,967	0	14,363	0	14,363	0	37,077
ROANOKE (CITY)	ASSOCIATED ASPHALT ROANOKE, LLC							2677 ROANOKE AVE SW				NAICS Code	42471
METHANOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for ASSOCIATED ASPHALT ROANOKE, LLC		0	0	0	0	0	0	0	0	0	0	0	0
ROANOKE (CITY)	STEEL DYNAMICS INC ROANOKE BAR DIV							102 WESTSIDE BLVD				NAICS Code	33111
CHROMIUM COMPOUNDS (EXCEPT	N	36	37	73	0	0	73	0	0	0	0	0	39,261
MANGANESE COMPOUNDS	N	333	556	889	0	12	901	0	0	0	0	0	410,202
NICKEL COMPOUNDS	N	7	4	11	0	14	25	0	0	0	0	0	4,399
VANADIUM COMPOUNDS	N	0	4	4	0	0	4	0	0	0	0	0	8,525
ZINC COMPOUNDS	N	1,004	2,424	3,428	0	167	3,595	0	0	0	0	0	3,136,845
Total for STEEL DYNAMICS INC ROANOKE BAR DI		1,380	3,025	4,405	0	193	4,598	0	0	0	0	0	3,599,232
Total for Above County : (13 reports)		13,913	3,459	17,372	0	193	17,565	0	14,363	0	14,363	0	3,636,309
ROCKBRIDGE	MODINE MANUFACTURING CO							1221 MAGNOLIA AVE				NAICS Code	33341
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	20,659

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Total for MODINE MANUFACTURING CO		0	0	0	0	0	0	0	0	0	0	0	20,659
ROCKBRIDGE	STELLA-JONES CORPORATION							9223 MAURY RIVER ROAD				NAICS Code	32111
CREOSOTE	N	5,501	1,600	7,101	0	0	7,101	0	6,565	0	6,565	0	3,037
Total for STELLA-JONES CORPORATION		5,501	1,600	7,101	0	0	7,101	0	6,565	0	6,565	0	3,037
Total for Above County : (2 reports)		5,501	1,600	7,101	0	0	7,101	0	6,565	0	6,565	0	23,696
ROCKINGHAM	CARGILL MEAT SOLUTIONS INC							135 HUFFMAN DR				NAICS Code	31161
PERACETIC ACID	N	0	0	0	0	0	0	0	0	60	60	60	60
Total for CARGILL MEAT SOLUTIONS INC		0	0	0	0	0	0	0	0	60	60	60	60
ROCKINGHAM	CARGILL TURKEY PRODUCTION LLC							1 KRATZER RD				NAICS Code	31111
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CARGILL TURKEY PRODUCTION LLC		0	0	0	0	0	0	0	0	0	0	0	0
ROCKINGHAM	GEORGE'S FOODS, LLC. PROCESSING PLANT							501 N LIBERTY ST				NAICS Code	31161
AMMONIA	Y	0	0	0	0	0	0	0	0	0	0	0	0
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for George's Foods, LLC. PROCESSING PLAN		0	0	0	0	0	0	0	0	0	0	0	0
ROCKINGHAM	MERCK SHARP & DOHME CORP.							2778 SE SIDE HWY				NAICS Code	32541
ACETONITRILE	N	2,260	2,010	4,270	0	0	4,270	0	83,720	16,750	100,470	0	311,920
AMMONIA	N	6,370	3,300	9,670	0	300	9,970	0	0	8,350	8,350	0	0
CHLORINE	N	0	220	220	0	0	220	0	0	0	0	0	0
CHLOROMETHANE	N	1,420	830	2,250	0	0	2,250	0	0	41,510	41,510	0	0

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CYANIDE COMPOUNDS	N	0	20	20	0	120	140	0	0	840	840	0	0
ETHYLENE GLYCOL	N	10	0	10	0	0	10	0	0	31,410	31,410	0	0
HYDRAZINE	N	1	2	3	0	0	3	0	0	3	3	0	0
HYDROCHLORIC ACID (1995 AND	N	660	3,610	4,270	0	0	4,270	0	0	305,150	305,150	0	0
METHANOL	N	7,190	4,584	11,774	0	1	11,775	0	124,280	201,000	325,280	0	550,871
NITRATE COMPOUNDS	N	0	0	0	0	30,470	30,470	0	0	304,470	304,470	0	0
Total for MERCK SHARP & DOHME CORP.		17,911	14,576	32,487	0	30,891	63,378	0	208,000	909,483	1,117,483	0	862,791
ROCKINGHAM		MILLERCOORS - SHENANDOAH						5135 S EASTSIDE HWY PO BOX 25				NAICS Code	31212
AMMONIA	Y	0	0	0	0	0	0	0	0	0	0	0	0
FORMIC ACID	N	0	0	0	0	0	0	0	0	23,500	23,500	0	0
NITRATE COMPOUNDS	N	0	0	0	0	5,785	5,785	0	0	0	0	0	0
Total for MillerCoors - Shenandoah		0	0	0	0	5,785	5,785	0	0	23,500	23,500	0	0
ROCKINGHAM		MONTEBELLO PACKAGING						812 N MAIN ST				NAICS Code	33243
XYLENE (MIXED ISOMERS)	N	250	5,212	5,462	0	0	5,462	0	0	6,777	6,777	0	0
Total for Montebello Packaging		250	5,212	5,462	0	0	5,462	0	0	6,777	6,777	0	0
ROCKINGHAM		PILGRIM'S PRIDE CORP BROADWAY FACILITY						330 CO-OP DR				NAICS Code	31161
AMMONIA	N	868	0	868	0	0	868	0	0	149	149	28,354	28,354
OZONE	N	22	45	67	0	0	67	0	0	33,671	33,671	0	0
Total for PILGRIM'S PRIDE CORP BROADWAY FA		890	45	935	0	0	935	0	0	33,820	33,820	28,354	28,354
ROCKINGHAM		RR DONNELLEY						2347 KRATZER RD				NAICS Code	32311
CERTAIN GLYCOL ETHERS	N	114,234	5,078	119,312	0	0	119,312	0	0	0	0	1,280	1,280
Total for RR DONNELLEY		114,234	5,078	119,312	0	0	119,312	0	0	0	0	1,280	1,280

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ROCKINGHAM	TRANSPRINT USA INC							1000 PLEASANT VALLEY RD				NAICS Code	32311
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	1	0
METHANOL	N	200	400	600	0	0	600	0	12,300	11,840	24,140	0	2,080
METHYL ISOBUTYL KETONE	N	180	180	360	0	0	360	0	2,000	5,680	7,680	0	1,280
Total for TRANSPRINT USA INC		380	580	960	0	0	960	0	14,300	17,520	31,820	1	3,360
ROCKINGHAM	VPGC LLC BROADWAY FEEDMIL							410 S MAIN ST				NAICS Code	31111
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
ZINC COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for VPGC LLC BROADWAY FEEDMIL		0	0	0	0	0	0	0	0	0	0	0	0
ROCKINGHAM	VPGC LLC HINTON FACILITY							6349 RAWLEY PIKE HWY 33 WE				NAICS Code	31161
NITRATE COMPOUNDS	N	0	0	0	0	94,214	94,214	0	0	235,474	235,474	0	0
Total for VPGC LLC HINTON FACILITY		0	0	0	0	94,214	94,214	0	0	235,474	235,474	0	0
ROCKINGHAM	WHITEWAVE FOODS MOUNT CRAWFORD							6364 S VALLEY PIKE				NAICS Code	31151
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	215,947	215,947
NITRIC ACID	N	0	0	0	0	0	0	0	0	219,393	219,393	0	0
PERACETIC ACID	N	0	0	0	0	0	0	0	0	15,605	15,605	0	0
Total for WHITEWAVE FOODS MOUNT CRAWFOR		0	0	0	0	0	0	0	0	234,998	234,998	215,947	215,947
Total for Above County : (33 reports)		133,665	25,491	159,156	0	130,890	290,046	0	222,300	1,461,632	1,683,932	245,642	1,111,792
RUSSELL	AMERICAN ELECTRIC POWER CLINCH RIVER PLANT							JUNCTION OF ST RTS 664 & 665				NAICS Code	22111
AMMONIA	N	0	652	652	0	1,814	2,466	0	0	2,600,000	2,600,000	0	0
BARIUM COMPOUNDS	N	10	376	386	97,810	212	98,408	0	0	0	0	0	1,260

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HYDROCHLORIC ACID (1995 AND	N	0	747,000	747,000	0	0	747,000	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	53,800	53,800	0	0	53,800	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	42,700	42,700	0	0	42,700	0	0	270,000	270,000	0	0
VANADIUM COMPOUNDS	N	5	131	136	20,305	0	20,441	0	0	0	0	0	0
Total for AMERICAN ELECTRIC POWER CLINCH R		15	844,659	844,674	18,115	2,026	964,815	0	0	2,870,000	2,870,000	0	1,260
Total for Above County : (6 reports)		15	844,659	844,674	18,115	2,026	964,815	0	0	2,870,000	2,870,000	0	1,260
SALEM (CITY)		GE DRIVES & CONTROLS						1501 ROANOKE BLVD				NAICS Code 33531	
COPPER	N	0	0	0	0	1	1	0	0	0	0	2	59,000
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	0	0	0	0	1,105
Total for GE DRIVES & CONTROLS		0	0	0	0	1	1	0	0	0	0	2	60,105
SALEM (CITY)		NOVOZYMES BIOLOGICALS INC						111 KESSLER MILL RD				NAICS Code 32541	
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	41	41
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	25	25
Total for NOVOZYMES BIOLOGICALS INC		0	0	0	0	0	0	0	0	0	0	66	66
Total for Above County : (4 reports)		0	0	0	0	1	1	0	0	0	0	68	60,171
SCOTT		DYNO NOBEL PAIGE PLANT						DYNO DR				NAICS Code 32592	
AMMONIA	N	5	5	10	0	0	10	0	41,175	0	41,175	0	0
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	149,858	0	149,858	0	0
Total for DYNO NOBEL PAIGE PLANT		5	5	10	0	0	10	0	191,033	0	191,033	0	0
SCOTT		TEMPUR PRODUCTION USA INC.						203 TEMPURPEDIC DRIVE				NAICS Code 33791	
DIISOCYANATES	N	5	5	10	0	0	10	0	0	0	0	0	11,675
TOLUENE DIISOCYANATE (MIXED	N	5	5	10	0	0	10	0	0	0	0	0	8,863

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	form A*												
Total for TEMPUR PRODUCTION USA INC.		10	10	20	0	0	20	0	0	0	0	0	20,538
Total for Above County : (4 reports)		15	15	30	0	0	30	0	191,033	0	191,033	0	20,538
SHENANDOAH CMC HOWELL METAL CO								574 DEPOT RD				NAICS Code 33142	
COPPER	N	0	32	32	0	0	32	0	16,868,000	0	16,868,000	0	931,385
Total for CMC HOWELL METAL CO		0	32	32	0	0	32	0	16,868,000	0	16,868,000	0	931,385
SHENANDOAH GEORGE'S CHICKEN LLC								19992 SENEDO RD				NAICS Code 31161	
CHLORINE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NITRATE COMPOUNDS	N	0	0	0	0	98,000	98,000	0	0	5,815,000	5,815,000	0	1,800
Total for GEORGE'S CHICKEN LLC		0	0	0	0	98,000	98,000	0	0	5,815,000	5,815,000	0	1,800
SHENANDOAH GEORGES FAMILY FARMS, LLC MT JACKSON FEED MILL								560 CAVERNS RD				NAICS Code 31111	
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Georges Family Farms, LLC MT JACKSON		0	0	0	0	0	0	0	0	0	0	0	0
SHENANDOAH IAC-STRASBURG,LLC								806 E QUEEN ST				NAICS Code 33636	
DIISOCYANATES	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for IAC-STRASBURG,LLC		0	0	0	0	0	0	0	0	0	0	0	0
SHENANDOAH MASCO CABINETRY								1325 INDUSTRIAL PARK RD				NAICS Code 33711	
XYLENE (MIXED ISOMERS)	N	9	11,932	11,941	0	0	11,941	0	0	0	0	0	630
Total for MASCO Cabinetry		9	11,932	11,941	0	0	11,941	0	0	0	0	0	630
SHENANDOAH NEW MARKET POULTRY LLC								145 OLD EAST CROSS ROAD				NAICS Code 11239	
NITRATE COMPOUNDS	N	0	0	0	0	274,273	274,273	0	0	274,273	274,273	0	0
Total for New Market Poultry LLC		0	0	0	0	274,273	274,273	0	0	274,273	274,273	0	0
SHENANDOAH RR DONNELLEY STRASBURG DIV								ONE SHENANDOAH VALLEY DR				NAICS Code 32311	

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CERTAIN GLYCOL ETHERS	N	4,100	50	4,150	0	0	4,150	0	0	9,400	9,400	90	96
Total for RR DONNELLEY STRASBURG DIV		4,100	50	4,150	0	0	4,150	0	0	9,400	9,400	90	96
Total for Above County : (8 reports)		4,109	12,014	16,123	0	372,273	388,396	0	16,868,000	6,098,673	22,966,673	90	933,911
SMYTH		GENERAL SHALE BRICK INC PLANT 28						7164 LEE HWY				NAICS Code 32712	
MANGANESE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for GENERAL SHALE BRICK INC PLANT 28		0	0	0	0	0	0	0	0	0	0	0	0
SMYTH		KENNAMETAL CHILHOWIE						298 KENDALL AVE.				NAICS Code 33313	
COPPER COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for Kennametal Chilhowie		0	0	0	0	0	0	0	0	0	0	0	0
SMYTH		ROYAL MOULDINGS LTD; MARION VIRGINIA						135 BEAR CREEK RD				NAICS Code 32619	
CERTAIN GLYCOL ETHERS	N	852	16,178	17,030	0	0	17,030	0	0	0	0	0	119
DI(2-ETHYLHEXYL) PHTHALATE	N	19	19	38	0	0	38	0	0	0	0	0	28,190
Total for ROYAL MOULDINGS LTD; MARION VIRGI		871	16,197	17,068	0	0	17,068	0	0	0	0	0	28,309
SMYTH		UTILITY TRAILER MANUFACTURING CO						124 MOUNTAIN EMPIRE RD				NAICS Code 33621	
DIISOCYANATES	N	3	0	3	0	0	3	0	0	0	0	0	0
Total for UTILITY TRAILER MANUFACTURING CO		3	0	3	0	0	3	0	0	0	0	0	0
Total for Above County : (5 reports)		874	16,197	17,071	0	0	17,071	0	0	0	0	0	28,309
SOUTHAMPTON		ARKEMA INC. FRANKLIN PLANT						27047 SHADY BROOK TRAIL				NAICS Code 32519	
TERT-BUTYL ALCOHOL	N	250	250	500	0	0	500	0	0	0	0	0	95,868
Total for Arkema Inc. Franklin Plant		250	250	500	0	0	500	0	0	0	0	0	95,868
SOUTHAMPTON		ATLANTIC POLE & PILING - NEWSOMS						21366 GENERAL THOMAS HWY				NAICS Code 32111	

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Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
ARSENIC COMPOUNDS	N	0	0	0	0	14	14	0	0	0	0	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	0	0	0	20	20	0	0	0	0	0	0
COPPER COMPOUNDS	N	0	0	0	0	8	8	0	0	0	0	0	0
Total for Atlantic Pole & Piling - Newsoms		0	0	0	0	42	42	0	0	0	0	0	0
SOUTHAMPTON		HERCULES INC						27123 SHADY BROOK TRAIL				NAICS Code	32519
1,2-DICHLOROPROPANE	N	54,377	776	55,153	0	44	55,197	0	0	0	0	0	57
HYDROCHLORIC ACID (1995 AND	N	11,300	2,630	13,930	0	0	13,930	0	0	0	0	0	0
TRIETHYLAMINE	N	39,607	830	40,437	0	5	40,442	0	0	0	0	0	57
Total for HERCULES INC		105,284	4,236	109,520	0	49	109,569	0	0	0	0	0	114
Total for Above County : (7 reports)		105,534	4,486	110,020	0	91	110,111	0	0	0	0	0	95,982
SPOTSYLVANIA		CMC REBAR VIRGINIA						9434 CROSSROADS PKWY				NAICS Code	33231
NICKEL COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for CMC REBAR VIRGINIA		0	0	0	0	0	0	0	0	0	0	0	0
SPOTSYLVANIA		RUFFIN CREEK PROPERTIES LLC						10229 TIDEWATER TRAIL				NAICS Code	32111
COPPER COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for RUFFIN CREEK PROPERTIES LLC		0	0	0	0	0	0	0	0	0	0	0	0
SPOTSYLVANIA		SPOTSYLVANIA PLANT						8520 INDIAN HILLS CT.				NAICS Code	32732
NITRATE COMPOUNDS	N	4,801	0	4,801	0	0	4,801	0	0	0	0	0	0
Total for Spotsylvania Plant		4,801	0	4,801	0	0	4,801	0	0	0	0	0	0
Total for Above County : (3 reports)		4,801	0	4,801	0	0	4,801	0	0	0	0	0	0
STAFFORD		COLONIAL CIRCUITS INC.						1026 WARRENTON RD				NAICS Code	33441

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
COPPER	N	0	0	0	0	0	0	0	0	0	0	7	726
Total for COLONIAL CIRCUITS INC.		0	0	0	0	0	0	0	0	0	0	7	726
STAFFORD	MAPEI CORP							300 NELMS CIR				NAICS Code	32552
LITHIUM CARBONATE	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for MAPEI CORP		0	0	0	0	0	0	0	0	0	0	0	0
STAFFORD	STAFFORD PLANT							169 WYCHE RD				NAICS Code	32732
NITRATE COMPOUNDS	N	13,609	0	13,609	0	0	13,609	0	0	0	0	0	0
Total for Stafford Plant		13,609	0	13,609	0	0	13,609	0	0	0	0	0	0
STAFFORD	W.R. GRACE & CO. - CONN. GRACE CONSTRUCTION PRODUCTS							1101 INTERNATIONAL PKWY				NAICS Code	42469
NITRATE COMPOUNDS	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for W.R. GRACE & CO. - CONN. GRACE CON		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (4 reports)		13,609	0	13,609	0	0	13,609	0	0	0	0	7	726
SUFFOLK (CITY)	BASF CORP							2301 WILROY RD				NAICS Code	32519
ACRYLAMIDE	N	55	6	61	0	0	61	0	0	24,622	24,622	1,984	3,573
ACRYLIC ACID	N	222	185	407	0	0	407	0	0	9,364	9,364	0	1,026
ACRYLONITRILE	N	319	1,078	1,397	0	0	1,397	0	0	15,089	15,089	5	5
AMMONIA	N	2	2,477	2,479	0	0	2,479	0	0	577	577	1,346	3,989
COPPER	N	0	0	0	0	0	0	0	0	0	0	44	7,370
ETHYL ACRYLATE	N	188	54	242	0	0	242	0	0	109	109	118	411
ETHYLENE GLYCOL	Y	0	0	0	0	0	0	0	0	0	0	0	0
METHANOL	N	1,304	2,880	4,184	0	0	4,184	0	2,830,625	25,826	2,856,451	6,280	11,731
METHYL METHACRYLATE	N	16	360	376	0	0	376	0	0	0	0	10	561

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Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	form A*												
Total for BASF CORP		2,106	7,040	9,146	0	0	9,146	0	2,830,625	75,587	2,906,212	9,787	28,666
SUFFOLK (CITY)	CAMERON CHEMICAL INC.							830 OLD DILL RD.				NAICS Code	32531
COPPER COMPOUNDS	N	250	250	500	0	5	505	0	0	0	0	0	0
MANGANESE COMPOUNDS	N	250	250	500	0	5	505	0	0	0	0	0	0
ZINC COMPOUNDS	N	250	250	500	0	5	505	0	0	0	0	0	0
Total for Cameron Chemical Inc.		750	750	1,500	0	15	1,515	0	0	0	0	0	0
SUFFOLK (CITY)	UNIVAR USA INC SUFFOLK FACILITY							201 SUBURBAN DR				NAICS Code	42469
NITRIC ACID	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for UNIVAR USA INC SUFFOLK FACILITY		0	0	0	0	0	0	0	0	0	0	0	0
Total for Above County : (13 reports)		2,856	7,790	10,646	0	15	10,661	0	2,830,625	75,587	2,906,212	9,787	28,666
SUSSEX	MURPHY-BROWN LLC WAVERLY FEED MILL							27404 CABIN POINT RD				NAICS Code	31111
ZINC (FUME OR DUST)	N	0	4	4	0	0	4	0	0	0	0	0	6
Total for MURPHY-BROWN LLC WAVERLY FEED		0	4	4	0	0	4	0	0	0	0	0	6
Total for Above County : (1 record)		0	4	4	0	0	4	0	0	0	0	0	6
VIRGINIA BEACH (CITY)	AETNA INSULATED WIRE INC							1537 AIR RAIL AVE				NAICS Code	33142
ANTIMONY COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	8,851
COPPER	N	0	0	0	0	5	5	0	0	0	0	0	2,483,516
DECABROMODIPHENYL OXIDE	N	0	0	0	0	0	0	0	0	0	0	0	5,042
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	5,655
Total for AETNA INSULATED WIRE INC		0	0	0	0	5	5	0	0	0	0	0	2,503,064
VIRGINIA BEACH (CITY)	STIHL INC							536 VIKING DR				NAICS Code	33311

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Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
1,2,4-TRIMETHYLBENZENE	N	28	1,853	1,881	0	0	1,881	0	0	0	0	0	0
TOLUENE	N	101	6,723	6,824	0	0	6,824	0	0	0	0	0	0
Total for STIHL INC		129	8,576	8,705	0	0	8,705	0	0	0	0	0	0
VIRGINIA BEACH (CITY)	U.S. NAVY NAVAL AIR STATION OCEANA RANGE (PART)							1750 TOMCAT BLVD				NAICS Code	92811
ETHYLENE GLYCOL	N	0	0	0	0	0	0	0	0	0	0	0	0
NAPHTHALENE	N	14	18	32	0	0	32	0	0	0	0	0	298
Total for U.S. NAVY NAVAL AIR STATION OCEANA		14	18	32	0	0	32	0	0	0	0	0	298
Total for Above County : (8 reports)		143	8,594	8,737	0	5	8,742	0	0	0	0	0	2,503,362
WARREN	AXALTA COATING SYSTEMS, LLC - FRONT ROYAL PLANT							7961 WINCHESTER RD				NAICS Code	32551
1,2,4-TRIMETHYLBENZENE	N	27	238	265	0	0	265	0	0	42	42	0	0
1,2-BUTYLENE OXIDE	N	573	440	1,013	0	0	1,013	0	0	0	0	0	207
ACRYLIC ACID	N	0	100	100	0	0	100	0	0	0	0	0	0
BUTYL ACRYLATE	N	0	152	152	0	0	152	0	0	0	0	0	0
CERTAIN GLYCOL ETHERS	N	0	0	0	0	0	0	0	0	6	6	0	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	1	1	0	0	1	0	0	0	0	0	0
CUMENE	N	1	400	401	0	0	401	0	0	0	0	0	0
CYCLOHEXANOL	N	0	16	16	0	0	16	0	0	0	0	0	0
DIISOCYANATES	N	0	0	0	0	0	0	0	0	0	0	0	2,104
ETHYL ACRYLATE	N	14	380	394	0	0	394	0	0	0	0	0	529
ETHYLBENZENE	N	50	1,000	1,050	0	0	1,050	0	981,297	0	981,297	0	133,920
METHANOL	N	904	2,420	3,324	0	0	3,324	0	0	14,593	14,593	0	0
METHYL ACRYLATE	N	0	258	258	0	0	258	0	0	0	0	0	182
METHYL ISOBUTYL KETONE	N	162	560	722	0	0	722	0	0	3,687	3,687	0	129,909

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Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
METHYL METHACRYLATE	N	42	3,460	3,502	0	0	3,502	0	0	0	0	0	364
N-BUTYL ALCOHOL	N	0	176	176	0	0	176	0	0	168	168	0	0
PHthalic ANHYDRIDE	N	0	22	22	0	0	22	0	0	0	0	0	0
STYRENE	N	47	520	567	0	0	567	0	0	0	0	0	529
TOLUENE	N	914	10,140	11,054	0	0	11,054	0	4,906,484	26,939	4,933,423	0	1,067,201
VANADIUM COMPOUNDS	N	0	1	1	0	0	1	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	N	751	9,120	9,871	0	0	9,871	0	7,850,373	20,650	7,871,023	0	335,687
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	0
Total for Axalta Coating Systems, LLC - Front Royal		3,485	29,404	32,889	0	0	32,889	0	13,738,154	66,085	13,804,239	0	1,670,632
WARREN		QUARLES PETROLEUM INC. FRONT ROYAL BULK PLANT						195 COMMERCE AVE				NAICS Code 42471	
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
TOLUENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	Y	0	0	0	0	0	0	0	0	0	0	0	0
Total for QUARLES PETROLEUM INC. FRONT ROY		0	0	0	0	0	0	0	0	0	0	0	0
WARREN		RPS COMPOSITES VIRGINIA, INC.						211 E 4TH ST				NAICS Code 32619	
STYRENE	N	7,185	222	7,407	0	0	7,407	0	0	0	0	0	0
Total for RPS Composites Virginia, Inc.		7,185	222	7,407	0	0	7,407	0	0	0	0	0	0
WARREN		TORAY PLASTICS INC						500 TORAY DR				NAICS Code 32619	
NITRATE COMPOUNDS	N	0	0	0	0	0	0	0	149,380	0	149,380	0	7,053
SODIUM NITRITE	N	0	0	0	0	0	0	0	226,556	0	226,556	0	11,094
Total for TORAY PLASTICS INC		0	0	0	0	0	0	0	375,936	0	375,936	0	18,147

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address		Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Chemical Name	form A*												
Total for Above County : (29 reports)		10,670	29,626	40,296	0	0	40,296	0	14,114,090	66,085	14,180,175	0	1,688,779
WASHINGTON	AGC FLAT GLASS NORTH AMERICA ABINGDON PLANT							18370 OAK PARK DR				NAICS Code 32721	
SILVER	N	5	5	10	0	0	10	0	0	0	0	0	11,783
Total for AGC FLAT GLASS NORTH AMERICA ABI		5	5	10	0	0	10	0	0	0	0	0	11,783
WASHINGTON	APPALACHIAN PLASTICS INC.							34001 GLOVE DR				NAICS Code 32619	
METHYL METHACRYLATE	N	1,043	3,128	4,171	0	0	4,171	0	0	0	0	0	0
STYRENE	N	6,719	20,156	26,875	0	0	26,875	0	0	0	0	0	0
Total for APPALACHIAN PLASTICS INC.		7,762	23,284	31,046	0	0	31,046	0	0	0	0	0	0
WASHINGTON	AZZ GALVANIZING BRISTOL							14781 INDUSTRIAL PARK RD				NAICS Code 33281	
ZINC COMPOUNDS	N	721	0	721	0	86	807	0	0	0	0	0	24,331
Total for AZZ Galvanizing Bristol		721	0	721	0	86	807	0	0	0	0	0	24,331
WASHINGTON	BRISTOL COMPRESSORS INTERNATIONAL INC							15185 INDUSTRIAL PARK RD				NAICS Code 33341	
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	70,061
Total for BRISTOL COMPRESSORS INTERNATION		0	0	0	0	0	0	0	0	0	0	0	70,061
WASHINGTON	HAPCO							26252 HILLMAN HIGHWAY				NAICS Code 33231	
ALUMINUM (FUME OR DUST)	N	3,117	6,235	9,352	0	0	9,352	0	0	0	0	0	33,150
ZINC (FUME OR DUST)	N	1,825	3,651	5,476	0	0	5,476	0	0	0	0	0	4,761
Total for Hapco		4,942	9,886	14,828	0	0	14,828	0	0	0	0	0	37,911
WASHINGTON	HIRSCHFELD INDUSTRIES BRIDGE, LLC							15083 INDUSTRIAL PARK RD				NAICS Code 33231	
MANGANESE	N	0	2	2	0	0	2	0	0	0	0	0	36,920
Total for Hirschfeld Industries Bridge, LLC		0	2	2	0	0	2	0	0	0	0	0	36,920
WASHINGTON	MXI ENVIRONMENTAL SERVICES, LLC							26319 OLD TRAIL RD (ST RTE 679)				NAICS Code 56211	

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2012 Toxics Release Inventory

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Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
XYLENE (MIXED ISOMERS)	N	0	0	0	0	0	0	0	0	0	0	0	15,000
Total for MXI Environmental Services, LLC		0	0	0	0	0	0	0	0	0	0	0	15,000
WASHINGTON		SANDVIK MINING & CONSTRUCTION CO						15020 INDUSTRIAL PARK RD				NAICS Code	33299
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	9,768
Total for SANDVIK MINING & CONSTRUCTION CO		0	0	0	0	0	0	0	0	0	0	0	9,768
WASHINGTON		STEEL FAB A DIV. OF SAMUEL PRESSURE VESSEL GROUP (PLANT #						17074 LEE HWY				NAICS Code	33242
MANGANESE	N	4	0	4	0	0	4	0	0	0	0	0	15,692
Total for Steel Fab a Div. of Samuel Pressure Vessel		4	0	4	0	0	4	0	0	0	0	0	15,692
WASHINGTON		STEEL FAB A DIV. OF SAMUEL PRESSURE VESSEL GROUP (PLANT #1						17403 LEE HWY				NAICS Code	33242
MANGANESE	N	16	0	16	0	0	16	0	0	0	0	0	943
Total for Steel Fab a Div. of Samuel Pressure Vessel		16	0	16	0	0	16	0	0	0	0	0	943
WASHINGTON		STRONGWELL CORP HIGHLANDS DIV						26770 NEWBANKS RD				NAICS Code	32619
ANTIMONY	N	0	250	250	0	0	250	0	0	0	0	0	0
DECABROMODIPHENYL OXIDE	N	0	250	250	0	0	250	0	0	0	0	0	0
STYRENE	N	0	250	250	0	0	250	0	0	0	0	0	0
Total for STRONGWELL CORP HIGHLANDS DIV		0	750	750	0	0	750	0	0	0	0	0	0
WASHINGTON		ZENITH FUEL SYSTEMS LLC						14570 INDUSTRIAL PARK RD				NAICS Code	33631
ZINC COMPOUNDS	N	0	0	0	0	0	0	0	0	0	0	0	10
Total for ZENITH FUEL SYSTEMS LLC		0	0	0	0	0	0	0	0	0	0	0	10
Total for Above County : (16 reports)		13,449	33,927	47,376	0	86	47,462	0	0	0	0	0	222,419
WESTMORELAND		CARRY-ON TRAILER CORP						159 INDUSTRIAL PARK RD				NAICS Code	33621
1,2,4-TRIMETHYLBENZENE	N	0	6,276	6,276	0	0	6,276	0	0	8,216	8,216	0	779

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
CERTAIN GLYCOL ETHERS	N	0	8,298	8,298	0	0	8,298	0	0	11,496	11,496	0	1,173
MANGANESE	N	134	0	134	0	0	134	0	0	0	0	0	1,179
NICKEL	N	4	0	4	0	0	4	0	0	0	0	0	298
Total for CARRY-ON TRAILER CORP		138	14,574	14,712	0	0	14,712	0	0	19,712	19,712	0	3,429
Total for Above County : (4 reports)		138	14,574	14,712	0	0	14,712	0	0	19,712	19,712	0	3,429
WINCHESTER (CITY) FEDERAL-MOGUL CORPORATION								2410 PAPERMILL RD				NAICS Code	33634
ALUMINUM OXIDE (FIBROUS FOR	N	85	85	170	6,718	0	6,888	0	0	0	0	0	14,534
COPPER	N	39	39	78	3,063	0	3,141	0	0	0	0	0	6,627
PHENOL	N	69	1,180	1,249	5,465	0	6,714	0	0	0	0	0	11,823
ZINC (FUME OR DUST)	N	31	31	62	2,033	0	2,095	0	0	0	0	0	4,400
ZINC COMPOUNDS	N	31	31	62	2,477	0	2,539	0	0	0	0	0	5,359
Total for FEDERAL-MOGUL CORPORATION		255	1,366	1,621	19,756	0	21,377	0	0	0	0	0	42,743
WINCHESTER (CITY) O'SULLIVAN FILMS INC.								1944 VALLEY AVE				NAICS Code	32611
ANTIMONY COMPOUNDS	N	14	78	91	0	0	91	0	0	0	0	0	137
BARIUM COMPOUNDS	N	8	45	53	0	0	53	0	0	0	0	0	7
CYCLOHEXANE	N	126	478	604	0	0	604	0	0	26,104	26,104	0	945
DI(2-ETHYLHEXYL) PHTHALATE	N	88	501	589	0	0	589	0	0	0	0	0	0
ETHYLBENZENE	N	0	261	261	0	0	261	0	0	19,413	19,413	0	667
METHYL ISOBUTYL KETONE	N	32	2,845	2,877	0	0	2,877	0	17,761	189,018	206,779	0	6,761
N,N-DIMETHYLFORMAMIDE	N	0	3,808	3,808	0	0	3,808	0	438	285,349	285,787	0	9,906
TOLUENE	N	4	7,765	7,769	0	0	7,769	0	4,036	568,315	572,351	0	20,368
XYLENE (MIXED ISOMERS)	N	125	1,903	2,028	0	0	2,028	0	2,368	131,846	134,214	0	4,634
ZINC COMPOUNDS	N	33	187	220	0	0	220	0	0	0	0	0	468

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2012 Toxics Release Inventory

Appendix F

Facility County/Independent City		On-Site Releases from Section 5 of Form R						On-Site Management from Section 8 of Form R				Off-Site Transfers from Section 6 of Form R	
Facility Name/Address													
Chemical Name	form A*	Fugitive Air (pounds)	Stack Air (pounds)	Total Air (pounds)	Land (pounds)	Water (pounds)	Total On-Site Releases (pounds)	Energy Recovery (pounds)	Recycling (pounds)	Treatment (pounds)	Total On-Site Management (pounds)	POTW (pounds)	Total Other Off-Site Transfers ** (pounds)
Total for O'SULLIVAN FILMS INC.		430	17,870	18,300	0	0	18,300	0	24,603	1,220,045	1,244,648	0	43,893
Total for Above County : (15 reports)		685	19,236	19,921	19,756	0	39,677	0	24,603	1,220,045	1,244,648	0	86,636
WISE VIRGINIA CITY HYBRID ENERGY CENTER								3425 RUSSELL CREEK ROAD				NAICS Code	22111
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
AMMONIA	N	0	4,480	4,480	0	0	4,480	0	0	0	0	15	0
ARSENIC COMPOUNDS	N	0	4	4	19,100	0	19,104	0	0	0	0	1	0
BARIUM COMPOUNDS	N	0	1	1	180,000	0	180,001	0	0	0	0	4	0
CHROMIUM COMPOUNDS (EXCEPT	N	0	15	15	33,200	0	33,215	0	0	0	0	1	0
COPPER COMPOUNDS	N	0	4	4	36,800	0	36,804	0	0	0	0	0	0
HYDROCHLORIC ACID (1995 AND	N	0	4,270	4,270	0	0	4,270	0	0	1,370,000	1,370,000	0	0
HYDROGEN FLUORIDE	N	0	647	647	0	0	647	0	0	171,000	171,000	0	0
MANGANESE COMPOUNDS	N	0	49	49	63,400	0	63,449	0	0	0	0	2	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
NICKEL COMPOUNDS	N	0	20	20	32,700	0	32,720	0	0	0	0	1	0
SULFURIC ACID - (1994 AND AFTER	N	0	847	847	0	0	847	0	0	528,000	528,000	0	0
VANADIUM COMPOUNDS	N	0	0	0	69,400	0	69,400	0	0	0	0	0	0
ZINC COMPOUNDS	N	0	4	4	44,400	0	44,404	0	0	0	0	1	0
Total for VIRGINIA CITY HYBRID ENERGY CENTE		0	10,341	10,341	79,000	0	489,341	0	0	2,069,000	2,069,000	25	0
Total for Above County : (15 reports)		0	10,341	10,341	79,000	0	489,341	0	0	2,069,000	2,069,000	25	0
WYTHE HUTCHINSON SEALING SYSTEMS INC								1150 S THIRD ST				NAICS Code	32629
ZINC COMPOUNDS	N	30	1,005	1,035	0	0	1,035	0	0	0	0	0	18,697

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Chemical Name	form A*												
Total for HUTCHINSON SEALING SYSTEMS INC		30	1,005	1,035	0	0	1,035	0	0	0	0	0	18,697
WYTHE R.H. SHEPPARD CO. INC.								1400 STAFFORD-UMBERGER DR				NAICS Code	33633
MANGANESE	N	0	0	0	0	0	0	0	0	0	0	0	32,200
Total for R.H. SHEPPARD CO. INC.		0	0	0	0	0	0	0	0	0	0	0	32,200
Total for Above County : (2 reports)		30	1,005	1,035	0	0	1,035	0	0	0	0	0	50,897
YORK DOMINION RESOURCES INC YORKTOWN POWER STATION								1600 WATERVIEW RD				NAICS Code	22111
1,2,4-TRIMETHYLBENZENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
BARIUM COMPOUNDS	N	0	15	15	7,500	24,400	31,915	0	0	0	0	2	44
HYDROCHLORIC ACID (1995 AND	N	0	309,000	309,000	0	0	309,000	0	0	0	0	0	0
HYDROGEN FLUORIDE	N	0	38,800	38,800	0	0	38,800	0	0	0	0	0	0
NAPHTHALENE	Y	0	0	0	0	0	0	0	0	0	0	0	0
N-HEXANE	Y	0	0	0	0	0	0	0	0	0	0	0	0
SULFURIC ACID - (1994 AND AFTER	N	0	47,800	47,800	0	0	47,800	0	0	151,000	151,000	0	0
VANADIUM COMPOUNDS	N	0	163	163	7,430	0	7,593	0	0	0	0	0	4,050
Total for DOMINION RESOURCES INC YORKTOW		0	395,778	395,778	14,930	24,400	435,108	0	0	151,000	151,000	2	4,094
YORK EATON CORPORATION - WILLIAMSBURG MANUFACTURING								149 WARWICK COURT				NAICS Code	33599
CHROMIUM	N	0	0	0	0	0	0	0	0	0	0	0	20,300
NICKEL	N	0	0	0	0	0	0	0	0	0	0	0	12,800
Total for Eaton Corporation - Williamsburg Manufact		0	0	0	0	0	0	0	0	0	0	0	33,100
YORK PLAINS MARKETING, L.P. YORKTOWN								2201 GOODWIN NECK RD				NAICS Code	49319
1,2,4-TRIMETHYLBENZENE	N	3,484	53	3,537	0	0	3,537	0	0	25	25	0	1,505
AMMONIA	N	184	2,691	2,875	0	327	3,202	0	0	5,691	5,691	0	3,305

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ANTHRACENE	N	739	0	739	0	0	739	0	0	0	0	0	5,957
BENZENE	N	1,142	300	1,442	0	0	1,442	0	0	1,388	1,388	0	224
CUMENE	N	610	17	627	0	0	627	0	0	2	2	0	0
CYCLOHEXANE	N	1,735	310	2,045	0	0	2,045	0	0	1,093	1,093	0	129
ETHYLBENZENE	N	1,550	36	1,586	0	0	1,586	0	0	118	118	0	973
NAPHTHALENE	N	756	5	761	0	0	761	0	0	63	63	0	17,276
N-HEXANE	N	3,357	1,993	5,350	0	0	5,350	0	0	7,432	7,432	0	557
PHENANTHRENE	N	0	0	0	0	0	0	0	0	0	0	0	321
PHENOL	N	7	0	7	0	24	31	0	0	208	208	0	18
TOLUENE	N	5,787	526	6,313	0	0	6,313	0	0	2,394	2,394	0	3,660
VANADIUM (EXCEPT WHEN CONT	N	1	0	1	0	5	6	0	0	0	0	0	3,136
XYLENE (MIXED ISOMERS)	N	7,424	322	7,746	0	1	7,747	0	0	704	704	0	34,338
Total for Plains Marketing, L.P. Yorktown		26,776	6,253	33,029	0	357	33,386	0	0	19,118	19,118	0	71,399
YORK US NAVY DEFENSE FUEL SUPPORT POINT YORKTOWN FUELS								YORKTOWN FUEL TERMINAL				NAICS Code 92811	
NAPHTHALENE	N	14	82	96	0	0	96	0	0	0	0	0	0
Total for US NAVY DEFENSE FUEL SUPPORT POI		14	82	96	0	0	96	0	0	0	0	0	0
Total for Above County : (25 reports)		26,790	402,113	428,903	14,930	24,757	468,590	0	0	170,118	170,118	2	108,593

* A "Y" in the FORM A column means a simplified Form A was submitted. An "N" means the full Form R was submitted. Facilities may report using the Form A for a non-PBT chemical if the total annual reportable amount for that chemical does not exceed 500 pounds and the amount manufactured, processed, or otherwise used for that chemical does not exceed 1 million pounds. When filing a Form A, no amounts are reported but by default the appendix lists them as zero.

** TOTAL OTHER OFF-SITE TRANSFERS = ALL OF FORM R SECTION 6.2 OFF-SITE TRANSFERS (DISPOSAL + TREATMENT + ENERGY RECOVERY + RECYCLING)

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*** ALLIANT TECHSYSTEMS AND RADFORD ARMY AMMUNITION ARE THE SAME FACILITY, REPORTING UNDER TWO SEPERATE IDS; APPENDIX H INCLUDES BOTH SUBMISSIONS HOWEVER THE SUMMARY REPORT REFLECTS ONLY ONE SET OF DATA VALUES FOR TOTALS.